

THE BUSINESS, TECHNOLOGY & ART OF ANIMATION AND VFX ISSUE June 2015 CELEBRATIONI Plus: 250 Industry-Defining People, Companies, Events and Projects! Making ITV's **Annecy Honors** 'Thunderbirds Women **VFX** Icon fo Are Go!" **Animators** <mark>nimat</mark>ion magazine.net W W







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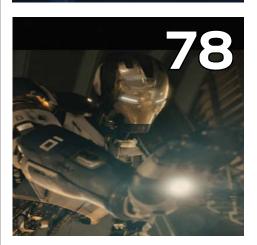




Volume 29, Issue 5, Number 250







COVEC: Disney-Pixar's Inside Out arrives in theaters June 19.

Annegy/Licensing Cover: © Cyber Rights Reserved ZORRO ® Based upon the works of Johnston McCulley, with the support of PROCIREP, ANGOA, AGICOA, OSEO, **CHARENTE & MAGELIS.**

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A Milestone to Celebrate!



t is with great pride that we present the 250th issue of Animation Magazine!

We feel this is an especially great cause for celebration for a print edition in these days of digital media. Thanks to the animation community of talented individuals that continue to provide Animation Magazine with a never-ending supply of editorial content, we anticipate the next 250 issues to continue to be rich

This issue, we are pleased to bring you our celebratory list of 250 people, companies, products and projects that have - and will continue to - shape the future of animation and visual effects.

The one challenge with Animation Magazine having such a long history is that our lists continue to grow in the effort to have some correlation to the celebratory issue number!

We like to look forward each time we do these anniversary issues, rather than back, because as George Bernard Shaw said - and we agree - "We are made wise, not by the recollections of our past, but by the responsibility for our future."

We take Shaw's idea seriously and hope that in the pages of the next 250 issues we will continue to find new talent and shows to bring to you that predict future trends and technology in animation. We hope to surprise, educate, inspire and delight you with stories that cover the many aspects of our industry and art. If you feel that you or someone you know was left out, please take heed of our editorial emails in the future and send us your suggestions and input.

As always we look forward to seeing many of you at the more-than 25 shows we attend with the magazine during the year, and especially at our own World Animation and VFX Summit, Nov. 2-4, at the California Yacht Club in Marina del Rey. You can check it out at www.animationmagazine.net/summit.

Finally, we are launching a brand-new job board in partnership with Zerply.com, which you can find at www.animationmagazine.net/job-board. This new addition to our website is a mustvisit for studios that are recruiting and for talent looking for work.

So don't miss out. Also, there are great digital and print subscription rates available this month at www.animationmagazine.net. We hope you will take advantage of them to keep Animation Magazine coming for another 250 issues!

> lean Thoren Publisher jthoren@animationmagazine.net

Big Issue, Big Emotions



utting together this issue has been a huge ride, full of eye-opening surprises and revelations.

First, I'd like to join Jean in saying how proud we are of reaching our 250th print edition! A lot of very talented people got us to this point, and to them - you know who you are! - we also offer a big thanks.

Now, check out The Animag 250 in all its glory! And if there's someone or something you think should have made the list but didn't, you can take it up with me at tom@animationmagazine.net. I'll also accept compliments!

Then, be sure to read our cover story on Pixar's Inside Out .(Check out the pictures at left they took of me demonstrating my emotions during the studio press visit.) I think it is one of the most original and exciting movies to come out of Emeryville in a while.

In TV land, we got a look at ITV's new Thunderbirds Are Go! series, and take a look at the very cool way it was made. This one is worth waiting for.

We've also got a lot of great visual-effects coverage in this issue - it is summer, after all - so catch up on Avengers: Age of Ultron, Mad Max: Fury Road and Tomorrowland and get a sneak peek at the June 12 release of Jurassic World!

That's all for now, animation fans. See you next issue!



Tom McLean tom@animationmagazine.net

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Executive Producer

Drew Hodges

Tumble Leaf
Creator and Executive Producer





News & Notes

TELEVISION

'The Simpsons' Gets Two More Seasons – Without Harry Shearer

In a seemingly perfect definition of good news-bad news, *The Simpsons* has been picked up for two more seasons, but they will be without the iconic voice of Harry Shearer, who left the program in a contract dispute.

The two additional seasons will the 27th and 28th for the long-running Fox series, which recently concluded its 26th season. The extension will bring the series' episode count to a whopping 625 episodes.

Meanwhile, Shearer's departure has the show's producers saying they will re-cast the many iconic roles he voiced, including Mr. Burns, Ned Flanders and Smithers.

The Simpsons showrunner Al Jean wrote in an email to the press: "Harry Shearer was offered the same deal the rest of the cast accepted, and passed. The show will go on and we wish him well. Maggie took it hard."

The actor said over Twitter: "I wanted what we've always had: the freedom to do other work."

FEATURES

Animal Logic Expands, Will Open A Second Studio in Vancouver

Award-winning Australian visual-effects and animation studio Animal Logic expanded its long-established relationship with Warner Bros. by signing a three-picture deal that will see the company set up in Vancouver its second animation studio.

Animal Logic Vancouver will launch as an exclusive partnership with the studio to produce a trio of films, the first of which will be the *LEGO Movie* sequel. The facility is on track to open in September and is expected to create 300 skilled jobs.

FEATURES

Focus Picks Up 'Ratchet & Clank,' Voice Cast, Release Date Set

Focus Features has been appointed the U.S. theatrical distributor for the CG animated feature *Ratchet & Clank*, which will hit theaters April 29, 2016.

The CG-animated feature film is based on the iconic PlayStation video

game franchise, created and developed by Insomniac Games.

The movie also released info on its cast, which includes Paul Giamatti, John Goodman, Bella Thorne, Rosario Dawson and Sylvester Stallone.

FEATURES

Disney Posts Strong 2nd Quarter Earnings of \$2.1 billion

The Walt Disney Co. exceeded expectations in reporting second-quarter earnings of \$2.1 billion.

Overall revenues rose 7 percent to \$12.5 billion. Breaking down revenue into segments, studio entertainment revenues were down 6 percent to \$1.7 billion, with income from *Big Hero* 6 falling short of the high mark set in this quarter last year by *Frozen*.

TELEVISION

New Animated Series and Specials Coming to Adult Swim

Adult Swim has announced 30 new original series, specials and pilots joining its slate of returning hits for the 2015-16 season

Animated highlights include:

TV Sucks: A new quarter-hour animated sketch show created by Brad Neely (*China*, *IL*) that features a collection of frenetic one-off bits, shorts, and songs, all filtered through Neely's signature visual style.

Robot Chicken DC Comics Special III: Friendship is Magic

Bad Guys (pilot): Taste. Design.

Marketing. Looking fresh to death. These are things that are lost on modern-day terrorists, but one man is going to change the game forever in this quarter-hour animated series about a bombastic, megalomaniac terrorist and his upstart terrorist organization.

Mr. Neighbor's House (pilot): Brian Huskey (*Childrens Hospital, Veep*), is like any other kids show host, except that he is barely able to contain the suppressed rage boiling underneath his quiet demeanor.

Ballmastrz 9669 (pilot): Thousands of years in the future, the only game that matters is The Game, and the new breed of heroes that play it. Created by Christy Karacas (Superjail!) and produced by Titmouse.

Apollo Gauntlet (pilot): Trapped in another world, a cop from Earth can finally fight crime the way he wants after acquiring talking magical gauntlets. Created by Myles Langlois and produced by Six Point Harness.

Bubblegoose and Juice (pilot): Two best friends share a tiny apartment as they try to maneuver through an unpredictable, supernatural, bizarro world, while still keeping up with the latest kicks. Created by Carl Jones (*Black Dynamite*).

Hot Streets (pilot): FBI Agent Mark Branski and his partner David French investigate supernatural phenomena, secretly aided by his niece and her cowardly dog, Chubbie Webbers. Produced by Stoopid Buddy Stoodios.

Creataceous Caligula (Pilot): From the depths of the La Brea tar pits comes a gang of dinosaur freaks, led by a T. rex Caligula, that wants to take over mutant Gross Angeles.

Doble Fried (pilot): Doble Fried is a 6-pack of carnival freaks that runs a low-rent amusement park on the border of Mexico and Not-Mexico.

Fisthead (pilot): A loose-cannon action hero with a fist for a head indiscriminately destroys not only villains, but his normal brother's life as well.

OMG! Earth (pilot): A quarter-hour stop-motion animated comedy series featuring small plastic action figures going on larger-than-life adventures in the real world. Produced by Stoopid Buddy Stoodios.

TELEVISION

'Phineas and Ferb' Sets Finale; Creators Prep 'Mikey Murphy's Law'



Phineas and Ferb has set a date for its series finale, even as creators Dan Povenmire and Jeff "Swampy" Marsh announce a new series titled Mikey Murphy's Law for Disney XD.

The show is scheduled to premiere in 2017 and will tell the story of the fictional great-great-great-great grandson of the Murphy's Law namesake.



Having wrapped production, Phineas and Ferb will air on Disney XD its final new episode, titled "Last Day of Summer," June 12.

FEATURES

Judge Dismisses Class-Action Wage Suit Against Studios

A federal class-action lawsuit alleging top animation studios conspired to suppress wages has been dismissed.

In a ruling issued April 3, U.S. District Judge Lucy Koh cited the statute of limitations in dismissing the complaint.

The suit was filed against DreamWorks Animation, The Walt Disney Co., Sony Imageworks, ImageMovers, Blue Sky Studios, Lucasfilm and Pixar.

The ruling stated that the plaintiffs failed to show any actions taken by the studios after Sept. 8, 2010, which is the cutoff for the statute of limitations.

The plaintiffs are free to amend their complaint and were given 30 days to do so. It was unknown at press time if the complaint had been amended.

FEATURES

Sony Chooses Timothy Reckart To Direct Animated 'The Lamb'

Sony Pictures Animation has announced that Oscar-nominated director Timothy Reckart (Head Over Heals) will develop and make his feature directorial debut with the studio's upcoming title The Lamb.

The CG project is based on an original pitch by Tom Sheridan and will tell the story of a young lamb who will change the world. DeVon Franklin is producing under his Franklin Entertainment shingle; Jenny Marchick is the exec overseeing the film at SPA.

FESTS AND EVENTS

'Star Wars' Delivers Hit Trailer, **Spinoff and 'Rebels' Teasers**

It was a big month for fans of Star Wars, starting with the release of a new trailer to Star Wars: The Force Awakens featuring the return of Harrison Ford as Han Solo and Peter Mayhew as Chewbacca.

The trailer was released April 16 in conjunction with the Star Wars Celebration convention in Anaheim. Calif... where fans got the first look at the first upcoming Star Wars Anthology movie, Gareth Edwards' Roque One, which hits theaters Dec. 16, 2016.

Meanwhile, the second season of Star

Wars Rebels got a teaser trailer featuring several familiar faces. Among the classic characters set to make a major impact on the Ghost's crew are Darth Vader and Star Wars: The Clone Wars regulars Ahsoka Tano and Captain Rex.



FEATURES

DreamWorks' Animation's Q1 **Results Edge Out Expectations**

First-quarter revenues were up over last year for DreamWorks Animation, which nonetheless reported a net loss of \$54.8 million for the quarter, including the impact of its recent restructuring moves, slightly beating analysts' expectations.

Revenues for the quarter ended March 31 totaled \$166.5 million, an increase of 13.1 percent from the same period in 2014.

FESTS AND EVENTS

Amazon's 'Tumble Leaf' Wins **Five Daytime Emmy Awards**

Amazon's Tumble Leaf dominated the animation categories in the 42nd annual Daytime Emmy Awards, winning five awards, including Outstanding Preschool Children's Animated Program.

The series also took home four individual achievements for lead animator Michael Granberry, character designer Drew Hodges, production designer Jason Kolowski and colorist Robyn Yanoukos.

Overall, it was a great night for animation on streaming video with three wins for DreamWorks Animation Television's All Hail King Julien, which streams on Netflix, and two for Moonbot Studios' short film Silent, which was made for Dolby and entered as a YouTube project.

IN BRIEF

VIZ Media has appointed Brad Woods its chief marketing officer. ... Australian animation director Adam Elliot's new short film project, Ernie Biscuit, will have its world premiere at the Sydney Film Festival in June, followed by a European premiere at Annecy. ... Netflix will launch a new 12-episode

season of BoJack Horseman on July 17. ... Comedy Central has ordered from Bento Box Entertainment 10 episodes of its the urban coming-of-age animated tale Legends of Chamberlain Heights. The series is set to debut in 2016. ... Disney has cast Ginnifer Goodwin (Once Upon a Time) and Jason Bateman (Horrible Bosses 2, Arrested Development) as voices in its upcoming "mammal metropolis" toon Zootopia, due March 4, 2016. ... 9 Story Media Group has inked a deal with Penguin Young Readers to produce an animated TV series based on the No. 1 New York Times bestselling children's book series Otis the Tractor. ... DreamWorks Animation Television announced at WonderCon details of two new series coming this summer to Netflix: A new How to Train Your Dragon-based series to be titled *Dragons: Race to the Edge*, and an original series titled Dinotrux. ... MTV has ordered an animated pilot presentation going under the working title Fancy Bastards, which is being animated at Titmouse. ... Disney Junior will debut Mickey and the Roadster Racers in 2017. ... DreamWorks Animation has moved the release of Kung Fu Panda 3 up to Jan. 29, 2016 from its previous March 18, 2016 slot. ... The LEGO Movie directors Phil Lord and Christopher Miller have signed on to develop an animated Spider-Man movie for Sony with an eye to directing the feature. The project already has a release set for July 20, 2018. ... Illumination has titled and moved back the release date for its 2016 animated feature about pets. Now known as The Secret Life of Pets, the movie from directors Chris Renaud and Yarrow Cheney will open July 8, 2016, instead of February 2016. ... Andy Samberg and Kelsey Grammer will add their voices to Warner Bros.' animated feature Storks, due in theaters Sept. 23, 2016. ... Netflix has ordered 13 episodes of a new series inspired by Dr. Seuss' classic Green Eggs and Ham. ... Aardman and StudioCanal have teamed up to produce Early *Man*, a stop-motion feature film to be directed by Wallace & Gromit creator Nick Park.

PASSINGS

Stan Freberg, acclaimed radio and recording artist and animation voice actor, died April 7. He was 88.

Ma Kexuan, the artist and director who behind the Monkey King, the Three Monks and the Baby Tadpoles died April 6 in Shanghai. He was 76.

Bob Walker, a Disney artist and Oscarnominated director of the feature Brother Bear, died April 1 at his home in California from a heart attack. He was 54.



June Planner

SpongeBob SquarePants: Sponge Out of Water, Beetle Bailey and Friends: 65th **Anniversary Collector's**

Edition, Tom and Jerry: The Gene Deitch

Collection

and Turbo FAST: Season 1 are

new to disc today.

3-14 Adam Elliot's Ernie Biscuit is among the animated treasures scheduled for Sydney Film Festival. [sff.org.au]



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Vegas. [licensingexpo.com]



ANIMAFEST ZAGREB2015

Experience the world's second oldest toon fest with five days of Animafest Zagreb in Croatia. [animafest.hr/en]

Today's discs include Teenage Mutant Ninja Turtles - NYC Showdown, TMNT -

Search for Splinter, Thunderbirds: The Complete Series and The Last Unicorn BD.



Chris Pratt bites off more than he can chew in Colin Trevorrow's Jurassic World, in theaters today.



Animation Festival celebrates women in animation, work from Spain and the 30th anniversary of

MIFA. [annecy.org]

Take in the next evolution of gaming at E3, held in the L.A.



Convention Center 6.16-18. [e3expo.com]

Pick up Studio Ghibli's Spirited Away and The Cat Returns on Blu-ray today.



Нарру birthday to stopmotion masters Stephen and Timothy Quay!

Get in touch with your feelings with Pixar's Inside Out, in theaters now.



25-28 Voice actor Carlos Alazraqui and Disney animator Tom Bancroft are among the guests heading to Miami for

Florida SuperCon this weekend.



[floridasupercon.com]

Move over, Paddington: Seth MacFarlane's foul-mouthed plush is back in Ted 2.



Plck up My Little Pony Friendship Is Magic: Cutie Mark



Quests on DVD today, and grab





To get your company's events and products listed in this monthly calendar, please e-mail mercedes@animationmagazine.net.





Introducing Blackmagic URSA, the world's first user upgradeable 4K digital film camera!

Blackmagic URSA is the world's first high end digital film camera designed to revolutionize workflow on set. Built to handle the ergonomics of large film crews as well as single person use, URSA has everything built in, including a massive 10 inch fold out on set monitor, large user upgradeable Super 35 global shutter 4K image sensor, 12G-SDI and internal dual RAW and ProRes recorders.



Super 35 Size Sensor

URSA is a true professional digital film camera with a 4K sensor, global shutter and an incredible 12 stops of dynamic range. The wide dynamic range blows

away regular video cameras or even high end broadcast cameras, so you get dramatically better images that look like true digital film. The extra large Super 35 size allows for creative shallow depth of field shooting plus RAW and ProRes means you get incredible quality!



Dual Recorders

Blackmagic URSA features dual recorders so you never need to stop recording to change media. That's critical if you are shooting an historical event,

important interview or where you just cannot stop shooting! Simply load an empty CFast card into the second recorder and when the current card is full, the recording will continue onto the second card, allowing you to change out the full card and keep shooting!



User Upgradeable Sensor

Blackmagic URSA features a modular camera turret that can be removed by unscrewing 4 simple bolts! The camera turret includes the sensor, lens mount and lens control connections

and can be upgraded in the future when new types of sensors are developed. This means your next camera will be a fraction of the cost of buying a whole new camera! Choose professional PL mount, popular EF mount and more!



Built in On Set Monitoring!

Say goodbye to bulky on set monitors because you get a massive fold out 10 inch screen built into Blackmagic URSA, making it the world's

biggest viewfinder! The screen is super bright and features an ultra wide viewing angle. URSA also includes two extra 5" touch screens on both sides of the camera showing settings such as format, frame rate, shutter angle plus scopes for checking levels, audio and focus!



Blackmagic URSA PL \$5,495



www.blackmagicdesign.com

Lenses and accessories shown are not included





Books We Love

The Art of Inside Out

[Chronicle Books, \$40]

A rriving between the film's triumphant international premiere at the Cannes Film Festival and its nationwide release this month, the latest *Art of ...* Disney-Pixar tome takes readers deeper into the creative minds who helped bring director Pete Docter's inventive concept



to animated life. Audiences can get pre-acquainted with young, conflicted Riley and her guiding emotions – Joy, Fear, Anger, Disgust and Sadness – before taking in the groundbreaking film in theaters.

The 176-page volume provides an exclusive look behind the scenes with concept art, including sketches, collages, color scripts and more, illustrating the creative journey, as well as an introduction from Docter and a foreword penned by actress Amy Poehler, who voices Joy in the film. If our feature article in this issue whets your appetite, be sure to pick up this book for more inspiring artistry.

The Art of He-Man and the Masters of the Universe

By Tim Seeley, Steve Seeley and James Eatock [Dark Horse Books, \$39.99]

ne of the top pop cultural heroes to come out of the 1980s gets his due in this reverent, nostalgic collection. Through the combined efforts of Mattel and Dark Horse, comics veteran Tim Seeley and his co-writers, this hefty retrospective walks readers through He-Man's decades-long rise from the toy sensation of 1983 to perennial entertainment icon.

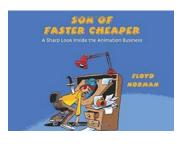


Clocking in at 320 pages packed with artwork, the book runs through *He-Man*'s appearances in toy lines, cartoons, film and comics up to the present-day DC titles. The book's curators manage to present a fair balance of familiar imagery with more obscure pieces, facts and topics. Covering 35 years in a major property's life is no easy feat, especially with armies of fans to please, but few could be disappointed with this effort.

Son of Faster Cheaper: A Sharp Look Inside the Animation Business

By Floyd Norman, edited by Bob McLain [Theme Park Press, \$10.95]

aving spent over 50 years in the animation biz — working as a story artist on titles spanning Disney's *The Jungle Book* to Pixar's *Monster, Inc.* — Floyd Norman knows "where the bodies are buried" ... and he's not afraid to take you to them. The follow



up to his Faster Cheaper collection of observations on the biz once again playfully skewers our favorite industry with the bite that only someone who really loves it could get away with.

Son of is a close-to-home cartoon history culled from Norman's observations on working at the Mouse House under the iron rule of Uncle Walt, the war zone atmosphere of Hanna-Barbera, the Eisner era of the Disney studio, and the day-to-day conflicts of animators, studio bosses and production purgatory. As Norman puts it in his introduction: "There's nothing profound here. Just a bunch of gags about a crazy business."

The Royal Crane

By Ehud Lavski, illustrated by Yael Nathan [eBook for Kindle & iOS, \$4.99]

omewhat reversing the usual tack, this colorful digital storybook began life as an animated film concept. When the studio shut down, Lavski – a screenwriter, game designer and occasional comicker – decided to hang on to the idea. Under 20 pages, the



cartoonish tale is set during the French Revolution, when the king's favorite bird is taken from the palace and caged in the Paris zoo. With the help of a clever sewer rat, the crane is able to escape, embarking on a grand adventure through the city on his way back to his royal owner. Nathan, a concept artist for animation and videogames, manages to illustrate the adventure so beautifully that you can almost ignore the incongruity of a children's picture book being set during one of the bloodiest periods of modern human history.

- Mercedes Milligan





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Depth of Feeling

Pete Docter tests Pixar's creative limits with *Inside Out*'s journey into the emotional mind of an 11-year-old girl. By Tom McLean.

llie Docter led a normal, very happy childhood – much to the delight of her father, Pete Docter, director of such hit Pixar movies as *Monsters, Inc.* and *Up.* But something changed when she turned 12: Her goofy, fun personality took a turn toward monosyllabic answers with outbursts of anger and disgust.

None of which is anything unusual or new for parents to have to deal with, but when Docter thought to himself, "What's going on in her head?" it ignited an idea that began a demanding five-year journey that ends with the June 19 release of *Inside Out*.

"I had pretty sparse elements at the very beginning," says Docter. "I had a concept of a kid and ... inside (her head) you'd see the emotions. I didn't even know which ones were there or what the kid was doing or anything like that. It was just kind of the basic concept, and then from there it grew – and along the way we took a lot of dead-end wrong turns. But that's the usual process."

Inside Out tells the story of an 11-year-old girl named Riley and the emotions that live in-

side her mind: Joy, Sadness, Anger, Fear and Disgust. When Riley and her parents move from Minnesota to San Francisco, her typically happy outlook begins to change as Joy and Sadness find themselves flung from her mind's Headquarters to the far corners of her mind and have to find a way back. It's a journey that takes them through lands like Abstract Thought, the movie-studio confines of Dream Productions, to a trip on the Train of Thought and into the depths of the Subconscious.

Docter – who reunited with producer Jonas Rivera under the ever-present eye of chief creative officer and executive producer John Lasseter – says at the start they looked into a lot of research into how the brain and emotions work and change through a life. What they learned suggested Docter's instincts were pointed in the right direction.

"Psychologists told us that out of everyone on Earth, there's no more socially attuned creature than an 11- to 15- or 16-year-old girl," says Docter, who also wrote the screenplay with Meg LeFauve and Josh Cooley. "They're just so dialed in to all social cues and reactions

and so we felt like, it's based on real life, the science is reinforcing that, I think we're at the right place. And there must be something for me that I haven't quite put to bed about growing up and the difficulty of that that makes it still intriguing to me."

A Difficult Birth

But a concept is not a story, and coming up with one was difficult. It's a process that had more than one filmmaker at Pixar invoking the word "nervous" when considering how *Inside Out* might be received when it's released.

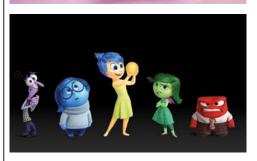
One such crewmember is production designer Ralph Eggleston, who says the extraordinary number of changes the film went through made it difficult to see how everything would fit together.

"The idea itself is so intellectual and I never felt I completely got a footing on the conceit of how the world works because there was so much churn," he says. "Pete and I would have talks, and he'd be feeling the same thing, and we would just have to say this is the hardest thing we've ever done. All we could do was









trust that, somehow, through all of this churn, this film would find its own legs and start walking on its own."

Docter agrees: "They are all more difficult than you expect. I think you have to have a sort of clueless optimism when you go in, kind of like having a baby. If you remember the pain of it, you probably wouldn't do it again," he says. "But this one was especially difficult, maybe because we're still so close to it right now, but I feel like, comparing it to say, Monsters, Inc.

or Up, this one felt like more work."

One of the biggest departures for Pixar was the story required giving form to very abstract ideas that have no visual benchmark in the real world. What does joy look like? What does the interior

of a young girl's mind look like?

"On Cars - Monsters even - we could refer to real-life things and say, well, let's model it on a bear or a let's look at this city and we're going to monsterfy it and put fangs in instead of roses or whatever," says Docter. "For the emotions, we wanted them to look like feelings feel to us, so they shouldn't just be made out of wood or flesh and blood, so how are they going to look? And that's a challenge. ... We thought about it probably way more than



From top at left, a look at how the designs for the emotions in Riley's mind evolved through the making of Inside Out. Above, the final versions of Fear, voiced by Bill Hader; Joy, voiced by Amy Poehler; and Disgust, voiced by Mindy Kaling. At right, the final version of Anger, voiced by comic Lewis Black, blows his top over San Francisco's decision to ruin pizza by using broccoli as a topping.

we needed to, but we went down every alley."

Pitching Until It Hurts

Co-director Ronnie del Carmen and head of story Josh Cooley said turning Docter's abstract idea into a concrete story took a lot of work and discussion among the studio's story team.

"We would sit across the room from each other and tell stories about our kids and our lives," says del Carmen. "And when we do that, be involved in?" says del Carmen.

Character designs get simplified down to their essences through this process as story artists produce hundreds of thousands of storyboards for a typical feature, Cooley says.

"A story artist has to draw about a hundred boards a day, and when you're done with that you hang it up on the wall or post it digitally and you pitch it to the director and the other story artists to see how it would feel in the finished film," he says.

> Pitching sequences with the story artists doing dialog and even acting out the images in the sequence might seem unnecessary, but is actually extremely useful, del Carmen says. "A lot of times, it doesn't feel real until you pitch it," he says.

When enough sequences are done to have a complete draft of the movie, it's shown as a movie - and then picked apart to find what works. Inside Out took four screenings before it even began to find a story that worked, says

"For the emotions, we wanted them to look like feelings feel to us, so they shouldn't just be made out of wood or flesh and blood, so how are they going to look? ... We thought about it probably way more than we needed to but we went down every alley."

- Pete Docter, Director, Inside Out.

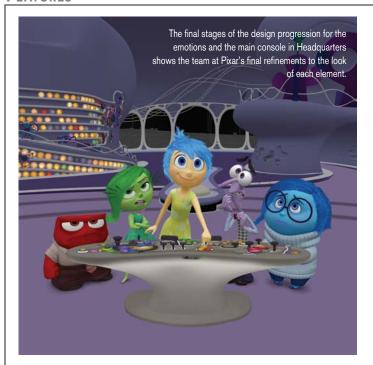
we try to figure out, what would your emotions be doing? What did they do when you were a kid, too? What would you be thinking about? And we'd start drawing characters."

Story artists would pitch ideas in search of characters, scenes and sequences that worked internally and within the overall idea of the movie. "The tradition here at Pixar - and Disney - is to build movies one sequence at a time and find out: Is it fun? Do you care? Does this moment feel like something you want to

Designing the Mind

Eggleston says there were several significant technical challenges in designing the movie's ever-changing look.







"I once said it was like roller-skating drunk on marbles while spinning plates," he says of coming up with a color script for the movie. "We probably did 200 designs on Headquarters before we settled on where we were."

Design, color and texture were key to differentiating the film's various settings. Minnesota, for example, features pastel colors and patterns. As Riley and her family travel further from Minnesota, the environments become more disconnected, shown via zigzag patterns of train tracks and electric wires.

The biggest technical challenge was creating the effervescent look each of the emotions has in the film. Proposed by art director of characters Albert Lozano, the idea was to give Joy the zip of a sparkler or the bubbly look of a glass of champagne.

"We worked for about eight months to get that idea working, and we got it to work but we were literally on the verge of not being able to do it because it was too expensive," says Eggleston. "We didn't plan to have it on any of the other characters out the door because of that. We got it to work, and we showed it to John Lasseter and the first words out of his mouth were: 'Great! Put it on all the characters!' And you could hear - thud, thud - the poor technical guys hitting the ground."

Comedic Conflict

Casting was a key element, with Docter's instincts leading toward the emotions being a comedy ensemble. "If you have Anger, who feels like you should go out and hit people, and Fear just wants to run away, this is a great way for characters to really bump up against

each other in opposition, which is what comedy seems to be largely about," says Docter.

The process started with simple moviemaking concepts: actors who fit the characters and didn't sound too much alike. Docter says he had proposed casting comedian Lewis Black as Anger as an example of what he was thinking - only to have Black agree to do the role. Former Saturday Night Live star Bill Hader was the first to be cast, as Fear. And former The Office actress Phyllis Smith was cast as Sadness based on a suggestion from Rivera, who had liked her in Bad Teacher.

"That was a key to unlocking that character," says Docter. "Up to then, we had thought of her as 'wah, wah!' - kind of on the nose. And thinking about her as more insecure instead of straight up sad ended up being a real turning point for us."

Settling an internal debate about whether Disgust should be disgusting or act disgusted led to casting Mindy Kaling, and Amy Poehler perfectly personified for the animators the idea for Joy.

"Once we got Amy Poehler's voice in there it really solidified who this character was," says supervising animator Shawn Krause. "Pete had been saying, 'I see her as kind of Bugs Bunny and I see her as rascally.' I was treating her at first more like Peter Pan, as spritely and kind of lighter than air. No, she's grounded, she's rambunctious, she's devilish. They didn't want her to feel like happiness; she's more infectious and inspires fun and joy."

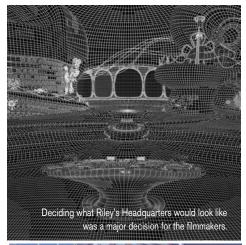
Krause personified this in a walk cycle test for Joy in which the character stomped around with enthusiasm and a bit of mischief instead of floating along blissfully.

"It was surprising but also sort of perfect because she was earthy and grounded," says Docter. "Those kinds of moments are what keep you going on a project for five years."

Other cast members include Kaitlyn Dias as Riley, with Diane Lane and Kyle MacLachlan playing her parents.

Ideas in Motion

Krause says one or two animators were assigned at the beginning of production to each character to develop a style for them to move.



















Pete Docter

Jonas Rivera

Josh Cooley

Ralph Eggleston







Ronnie del Carmen

Shawn Krause

Victor Navone

"For a lot of the characters, the design told us what to says supervisdo." animator Victor ina Navone. "Like when you look at Anger, he's like this brick, and so you want to treat him like that brick. You don't want him to be too flexible in his torso."

Joy's eyes required a special rig for her eyebrows that could be customized as needed to deliver a

calligraphic line. "It was a real struggle to do something in CG that's so simple to do with a couple of hand drawn lines," says Krause.

A sequence in which Joy and Sadness enter Riley's realm of Abstract Thought distorted the characters into – what else – abstract images more in line with a 2D style of animation that required its own team of animators, says Navone.

"That was kind of like a movie in a movie," he says. "We kind of broke off a whole separate team to take that and research and develop it for six months. ... It was an obstacle to overcome, but it was a place we could be playful in that world."

Riley was a particularly challenging charac-



ter, as her movements had to show her at an awkward stage in life but also keep her appealing.

"We had to build some new facial controls for her to get some of the really subtle emotions that we needed to get out of her and just try to find what's the appeal of the humans in this movie versus what is the appeal of the mind characters," says Navone. "It's two different styles of character design and how do we make each one nice to look at and what's the style of movement."

Under Pressure

The pressure on the film has been higher than usual, due to the studio releasing no

feature in 2014 after having pushed back the release of *The Good Dinosaur*. There also has been criticism that Pixar's last three films – *Cars 2, Brave* and *Monsters University* – didn't quite live up to the studio's exceptionally high standards.

"I don't think we felt any more or less pressure than on any of the other films until maybe the last year," says Docter. "I think that was compounded by having to move (*The Good Dinosaur*) and so, suddenly, there was a gap and we were the next ones up and there's a full year of nothing before it comes

to us. That's when we started to feel it a little more."

The final result is one that took hundreds of people to make, yet feels very personal to Docter.

"I don't really look at 'personal' as being a goal unto itself. It's a good place to start because it's truthful and it's meaningful to me so that will probably leech onto the screen in some way," he says. "Everyone who works on the show has something to contribute emotionally about that character or about that story point, so the closer they can get in tune with what's happening on the screen, the more likely what they'll contribute will be on target and effective to the audience."



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A Quieter Toon Heroine

Though a bit talky and slow, *When Marnie Was There* – possibly the last movie to come from Studio Ghibli – is a breath of fresh air. Review by Charles Solomon.

Ithough it may become the last feature made by Studio Ghibli (a lugubrious distinction if ever there were one), When Marnie Was There is a warm, gentle film that continues the pattern of Japanese animators creating heroines who are more complex, interesting and individual than their Western counterparts.

Released last year in Japan, the English-language version debuted May 22 in New York and Los Angeles, and is expanding to other cities through early July.

"I hate myself," declares alienated adolescent Anna Sasaki (Hailee Steinfeld). When she suffers a debilitating asthma attack, her foster mother Yoriko (Geena Davis) sends Anna from her home in Sapporo to a small beach town. She can

stay with her cheerfully eccentric Aunt Setsu (Grey DeLisle) and Uncle Kiyomasa (John C. Riley) while she rebuilds her strength.

Although she's usually polite, Anna keeps her distance from her relatives and the local people. Her aunt tries to set up a friendship with Nobuko (Raini Rodriguez), the bossy daughter of a prim friend, but her efforts fall flat. The only thing that interests Anna is the Marsh House, a seemingly abandoned mansion half-hidden by trees. Marnie (an appropriately soft-spoken Keirnan Shipka), a lovely

blonde girl, emerges from the house and quickly forms a powerful bond with Anna.

The two share mini-adventures, swap confidences, laugh and lament their problems. Anna resents her parents and grandmother for dying and leaving her alone, and she suspects that Yoriko only took her in for the government payments she receives. Despite her wealth and beauty, Marnie also feels abandoned: her glamorous parents gad about, leaving her in the care of a stern governess and indifferent maids.

What Is Real?

But when a Tokyo family buys the Marsh House, Anna becomes confused. How can they move into Marnie's home? She recognizes the rooms she's visited with Marnie, but everything is different. Sayako (cheerfully perky Ava Acres), the daughter of the new owners, confides to Anna that she's found a diary in her room that had been hidden there decades earlier – by Marnie.

As he did in *The Secret World of Arietty*, director Hiromasa Yonebayashi suggests supernatural phenomena may lurk beneath seemingly normal life. In *Arietty*, the tiny Borrowers shared a house with the elderly Sadoko and her nephew Sho. In his new film, Marnie feels present but elu-

Quiet, sometimes slow, *Marnie* is a well-crafted tale.

sive, like the shifting clouds at the seashore.

Yonebayashi and his writers skillfully focus and enrich Joan G. Robinson's rambling juvenile novel. In the original book, Anna was so determinedly alienated and antisocial; she was shipped off before the end of the school term to stay with the Peggs, an effortfully colorful lower class couple whom her guardian apparently knew. Making Anna asthmatic creates a more plausible reason for her to move to the shore; making her an artist gives her a reason to be fascinated by the Marsh House and the way light plays over its

walls. This Anna is more likable and understandable than the balky heroine in the book, and her aunt and uncle emerge as more dimensional characters than the Peggs, who felt like a plot device.

Adolescent Complexity

The filmmakers capture the emotional intensity – and over-intensity – of adolescence. When Anna and Marnie share secrets and pledge eternal friendship their tears are genuine. Anna's depth and complexity offer a refreshing change from the relentlessly spunky heroines in recent American features. Although they died when she was quite small, Anna misses her parents and

grandmother, but her sorrow is mixed with a very believable anger at being abandoned. Although she feels genuine affection for Yoriko, she fears being betrayed yet again.

At times, the pacing in When Marnie Was There drags, and the presence of the title character requires some long explanatory scenes with the painter Hisako (Vanessa Williams) – as it did in the book. Yonebayashi adds visual interest to this sequence by having Anna silently witness the other characters' memories, recalling how journalists Genya and Kyoji found themselves in the tangled memories of

aging film star Chiyoko in Satoshi Kon's *Millennium Actress*. Although the backgrounds are handsome, they lack the individuality of other Ghibli features. The English dub feels talkier than the Japanese original.

Those caveats aside, When Marnie Was There is an interesting, well-crafted film that offers viewers a welcome alternative to the familiar heroines and sitcom gags in many American films. Animation fans can only hope the film succeeds and keeps production alive at the storied Studio Ghibli.



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Casting an Indie Spell

Arcana Studio's Sean Patrick O'Reilly talks landing a theatrical release for Pixies, his first animated feature. By Tom McLean.

t takes tenacity and persistence to get an independent animated movie both made and distributed theatrically. Just ask Sean Patrick O'Reilly, the writer and director of Pixies, which arrives in theaters June 5 via Vertical Entertainment and hits the home video shelves at Walmart in July.

O'Reilly produced the movie through Arcana Studios, which he founded in 2004 to publish his comic-book series Kade. Since then, Arcana has published more than 300 graphic novels to become the largest comics publisher in Canada. In 2012, Arcana made the move into animation with the 13 x 22 min. TV series Kagagi, followed immediately by Pixies, adapted from O'Reilly's comic of the same name.

Animation Magazine: prompted you to move from comics publishing into the animation business?

Sean Patrick O'Reilly: Arcana has a mountain of intellectual property that is fully developed with great stories and engaging characters that already have a fan base. The key was to identify a slate from the library that would work for animation and just take it a step at a time.

Animag: In what ways are comics publishing and animation different and/or similar?

O'Reilly: The preproduction process in comics and animation is almost identical. Start with a story, move to script, then the collaboration between writer/director and artists begins, continuing to storyboards. With comics, next step is to color in Photoshop, solicit with Diamond, send to the printer and distribute. However, I didn't go straight from comics into animation as I had motion comics that were an intermediary step.

Motion comics take regular comic-book panels and add simple scan and pans in After Effects. Voices are added, then sound effects, even visual effects, and I realized after doing a Pixies motion comic, I had a very good looking Pixies animatic.

Learning all about the animation process was a massive learning curve. I was very lucky and hired some key people who got me

Alexa Vega Bill Paxton **Christopher Plummer**

through the beginning.

Animag: Where did you find financing and partners?

O'Reilly: I started early with a group of visionary investors. Humbly, it was not

a massive amount of money, but they were amazing and incredibly supportive. Canada's Movie Central was our first sale followed by the Middle East and Vertical Entertainment for the U.S. I had a lump sum, lots of preproduction done - thanks to the comics - and was immediately in production.

Animag: What were the major creative challenges?

O'Reilly: The pixies. Originally they looked like an elf with red or green pointy hats, as in the book. It's amazing how many elfs with red-green pointy hats there are on this planet, and that was the majority of the criticism of the comic. Publishing a story first is a great way to battle test material, especially if you listen

to your readers. The art director, Todd Demong, took the idea of a pixie and mashed it up with a bee.

Gary Yuen, our amazing senior character designer, then modeled the first pixie and it really was like having a newborn. I have four kids so I do know what it feels like. With this "bee birthed Pixie," the Pixies' entire culture, their dwellings (skeps), their ability to go unseen for so long and a number of other creative hurdles were instantly overcome.

Animag: Where was the animation done? How long did it take?

O'Reilly: All animation was done in Burnaby, B.C., near Vancouver in Canada. It took a lot longer than it should have, to be honest. I had to balance the cash flow and payroll between tax credits and acquiring good employees is not an easy task especially when I'm losing those good employees to other studios. The entire process for animation was under two years.

> Animag: How did you end up with a deal for theatrical distribution?

O'Reilly: I met with Vertical Entertainment at AFM and they came to the meeting already aware of the graphic novel and its success.

We had a deal relatively quickly and they have been amazing to work with. Pixies is in premier theaters on June 5th.

Animag: What lessons did you learn from previous animation projects that you tried to apply?

O'Reilly: I'm in production on Howard Lovecraft & The Frozen Kingdom (our next animated feature film) and with our established team, a tighter pipeline, more confidence and a lot more experience, we're off to an amazing start. Howard will be released in October 2016. It is H.P. Lovecraft for kids and to my knowledge is the first Lovecraft-themed feature film, and definitely the first animated Lovecraft movie.



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Countdown to Re-Launch

ITV and Pukeko Pictures combine miniatures and CG animation to propel a unique look for a rebooted classic in Thunderbirds Are Go! By Tom McLean.

ew who saw the iconic 1960s series Thunderbirds can forget the excitement that creators Gerry and Sylvia Anderson brought to the most-beloved of their "Supermarionation" series, making the cult British show a prime candidate for revival. But remaking a series that used puppets in miniature sets and vehicles for a modern audience is a challenge that reguired a great deal of patience and ingenuity on both the creative and technical ends.

As with the original, ITV Studios' Thunderbirds Are Go! tells the tale of the amazing Tracy brothers - Scott, Virgil, Alan, Gordon and John - each the pilot of one of five unique advanced Thunderbird craft that are the fastest and most unique vehicles on Earth. Based in the South Pacific on Tracy Island, they together work as International Rescue, saving the day when no one else can, with the help of security chief Tanusha "Kayo" Kyrano, engineer Brains and their London agent, Lady Penelope.

Executive produced by ITV Studios and Pukeko Pictures, Thunderbirds Are Go! mixes liveaction and CGI in a new way that has connected well with audiences since the 26-episode first season began airing in April in the U.K.

Giles Ridge - executive producer on the series, along with Estelle Hughes, Richard Taylor and Andrew Smith - says being asked by ITV managing director Julian Bellamy to assemble a team to remake the classic series was a "oncein-a-lifetime opportunity."

"It filled me with, on one hand, complete excitement and, on the other, complete apprehension, having to do what I call trading the family silver." he savs.

The new show needed to strike a balance between pleasing the many passionate fans of the original series and appealing to its primary audience of modern kids - most of whom will have never heard of or seen the original.

Ridge says a deep look at the concept of the original revealed a strong basic concept. "When you look at the DNA of Thunderbirds - five young, aspirational brothers on a secret hideaway island with the most incredible craft at their disposal helping people around the world - it's not a bad place to start."

But pulling off a series worthy of the original required a diverse skill set that sent Ridge looking for partners outside of the typical co-production boundaries.

"I didn't want the production to be limited by having to work in certain territories. I wanted to be able to choose the talent where I felt that the talent best served the show," he says.

For the writing, Ridge went to the United States and tapped as head writer Rob Hoegee, a veteran animation writer and producer well versed in the boys action genre from stints on shows such as Teen Titans, Generator Rex and Sluaterra.

"This is Thunderbirds for a new generation, really, but in the grand scheme of things, we are maintaining the core values of the original show: selfless heroism and a family who works together," says Hoegee.

Solid Structure

Ridge says the show sticks closely to the basic episodic structure of the original, starting with an accident or mishap of some kind, leading into the famous opening credits and a three-act structure. The rescue is planned and launched in act one; the team faces obstacles in executing the rescue in act two: and act three is the successful rescue and denouement.

"That's what gives the editorial nature of the



show its brand," says Ridge. "You know what kind of experience you're going to have. That doesn't mean you're going to end up with 26 generic kind of shows; all the stories are different and it is a little bit like trying to make 26 mini feature films."

Where the original series' episodes were an hour long, *Thunderbirds Are Go!* has a half-hour format that requires faster pacing and simple, clear storytelling.

"We have to start off with a bang and get right into the action," says Hoegee. "And we've found that, even in 22 minutes, we can tell pretty good stories and not really feel like we're lacking anything."

The most obvious change is the absence of the boys' father, Jeff Tracy, who in the original was a dominating presence as the leader of the Thunderbirds. "We didn't want to make the Jeff Tracy show; it had to be about the boys," says Hoegee. The character is said to be missing in action after an undefined accident, giving the boys a loss to feel as well as forcing them to step up and make decisions on their own.

Another major change is the addition of Kayo as IR's head of security. The character is adapted from Tin-Tin, who was the maintenance tech and lab assistant in the original, bringing a female character directly to the forefront of the action. "She has a bit of a dark secret in that her uncle is The Hood, something not known by the boys at first," Hoegee says.

A bigger role was carved out for Grandma Tracy, who is barely seen in the original, as the emotional head of the Tracy family. And Lady Penelope gets a modern update while her trusty butler, Parker, stays constant with original series actor David Graham returning to do his voice.

There are other elements of the original that were just too iconic to tamper with, one of which being the opening countdown sequence that introduces the five Thunderbird craft, their pilots and the rest of the cast.

Ridge says the production got permission from the estate of actor Peter Dyneley, who voiced the countdown and played Jeff Tracy on the 1960s show, to re-use the original recording. The theme music, composed by Ben and Nick Foster, also pays tribute to Barry Gray's brassy original.

Mixing Up the Look

Finding a visual style for the series was another major challenge. Clearly, animation was going to work better than puppets, but Ridge says they still wanted to find a unique look for the show that stands out from the pack and echoes the original.

"We were very keen to move away from the customary CGI digital shiny look that you have



on a lot action shows today," he says. "There's nothing wrong with that – it works for many shows very successfully – but we wanted to create a visual esthetic on *Thunderbirds* that just set itself apart from the original, and that's why we ended up experimenting with this CG and live-action mix."

Working with Taylor's New Zealand-based Pukeko Pictures, a pipeline was set up that combines live-action miniatures and CG animated characters.

"Most of our world in *Thunderbirds* – all of our vistas, all of our buildings, our exteriors – are real models," says Ridge. "They are liveaction miniature models – and though I say miniature, actually they're quite huge in the Weta Workshop – and built at different scales. They built two different scales of Tracy Island and filled a huge tank with water, so all the water around Tracy Island is completely real."

The vehicles are created using CG "skeletons," around which are wrapped digital skins made from photographs and scans of large glass panels painted in each craft's iconic colors and physically worn and weathered with dust and dirt.

"No CG aspect is completely electronic," says Ridge. "It's all got some physical nature to it and that is why the joy in it is possible to see."

Some of the CG vehicle work is done in New Zealand, but all of the character animation is done by CGCG in China and Taiwan. "We chose them just because of their track record for action adventure shows for the major U.S. networks," says Ridge.

All of the elements come together at Milk VFX in London, which does the final composting of the elements into a final product, says Ridge.

A Strong Push

The show got a major push when it launched on ITV, with a life-size replica of *Thunderbird 4* floated down the Thames. Reactions have been mostly positive, as have ratings – a second season of 26 episodes already has been ordered.

The show is still rolling out internationally, with ITV taking its time to find the right partner in each territory. Ridge says the patience of fans in markets like the United States, where the show has yet to announce a broadcast deal, will be rewarded.

"We want to give it a platform that does the series proud and does the series justice," says Ridge. "We want to make sure the partner shares that same commitment and love that we have."





by Mike de Seve

Comedy Is When a Bird Hits a Pig ... Twice

Our writers explore the fine lines between slapstick, physical comedy, violence and being just plain gross.

elcome back! Last month we asked two of Baboon Animation's VIP Angry Birds Toons writers to chat about their craft. Now, Javier Valdez and Joe Vitale are back to discuss with our own Claire Stenger their more noble writerly techniques - including their stance on boogers, projectile desserts and, yes, cottage cheese. Read on to see how our writers use physical comedy to cook up the Angry Birds Toons hilarity you know and love!

So, guys, what exactly is "slapstick"? How is it different from physical comedy?

Javier Valdez: To me, slapstick feels like physical comedy, but actually happening to a

character in a way you can feel. A birthday cake in the face leads to a plank upside the head and a springloaded boxing glove to the gut - the gut of not just anyone, but King Pig, when trying to break in to his rival Trump Pig's limo.

Joe Vitale: In my mind, slapstick requires someone to get hit. An anvil falling on your head? Slapstick. Trying to move an anvil from one end of a rocking boat to another? Physical

comedy. But why does a character need to move the anvil, fast, or else? Answer that and you'll have a fun cartoon.

So who is your favorite Angry Birds Toons character?

Valdez: I have the most fun with the character of the generic pigs. They're always willing to do anything you want. We can dress them up however we like. There's a real likable enthusiasm about them that gives us a lot of free-

Vitale: I like Chuck. He's so gosh-darned eager to impress. Also, I think, he's kind of an idiot. This makes you feel for him - he just wants to pull off the impossible, whether he's capable of it or not. And if he's not? Doesn't matter! He'll keep on trying. That may be the idiotic part but it's also what makes him lovable.

Talk about violence in cartoons.

Valdez: If you'll stop hitting me. Personally, I'm a fan. It's one of those things that best explores what animation is capable of. There's debate about what kids absorb from cartoons, but I think, for example, casual misogyny is more dangerous for the young audience to take away than watching a character take an oak log to the face and come back swinging.

Vitale: Violence and slapstick are different. Violence is bloody. It can be copied in real life without a choreographer or outlandish props. Slapstick is, by design, ridiculous and over-the-top. That's what makes it fun.





Cartoons - at least the ones we make - are full of slapstick but very little violence. Hear that. FCC?

To butcher a John Cleese quote, a guy falling in mud isn't so funny. A judge falling in mud is. How does character influence physical comedy?

Vitale: That quote hits it right on the nose (speaking of slapstick). If some random guy takes a tumble? Sure, it's a chuckle. But if it's a spiteful character who has spent the entire episode complaining about how much he hates cottage cheese? You've got the perfect excuse to place him underneath the flight path

> of a Red Cross helicopter delivering 10 metric tons of cottage cheese to a disaster area ... and it just so happens the rope holding the crate of cottage cheese is no longer under warranty. And that, ladies and gentlemen, is how to mine comedy gold.

> Valdez: Sympathy is a big part of it. In Angry Birds, for example, we have Matilda, our nurturing and maternal character (and so much more). It's not fun watching things happen to her,

and we have a lot more fun when she's in command and kicking butt. But King Pig, who to me is sort of a spoiled glutton, is a riot to have things happen to, and we can't wait to see what ridiculously terrible thing will befall

What's your stance on gross-out material? Boogers: Too gross? Not gross enough?

Valdez: Feels dated, like, say, '90s Nickelodeon. Of course, when I do want to use gross-out humor, I say go big or go home! Saying "boogers" isn't funny, but falling into a swimming pool of them? Magic.

Vitale: Personally, I try to stay away from bathroom humor, not because it's gross but because it's lazy. It's a cheap laugh. I like my laughs to be expensive and paid for in installments.

Next issue: To save him, they had to shave him - Baboon's new A Boy and His Dude short, now airing on Nick.com.

Baboon Animation is a U.S.-based collective of Oscar-nominated, multi-Emmy winning animation writers with credits on dozens of the most iconic animated shows worldwide.



The Animation Magazine 250

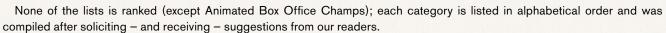
ith longevity in publishing becoming increasingly rare in the digital age, it was clear that something special was needed to celebrate this, the 250th issue of Animation Magazine.

Since the first issue in 1987, Animation Magazine has been there to chronicle the growth of animation from a small part of the overall entertainment business to one of the most exciting industries in the world. And as animation as an artform and a business stands here in 2015 more successful and vibrant than ever - and poised only to continue to grow - it seems an apt moment to celebrate.

Hence, this list of 250 of the most dynamic and innovative people, companies, products and projects was compiled to chronicle this moment in the history of animation - a little bit of where we've been, but a lot more about where we're going.

The list is broken down into 10 categories:

- » Animation Companies to Watch
- » VFX Companies to Watch
- » Executives to Watch
- » Creatives to Watch
- » Essential Software Developers
- » Can't-Miss Events
- » Schools to Hire From
- » Agents to Watch
- » TV Shows Destined to be Classics
- Animated Box Office Champs of All Time



We received many great suggestions and gave them all due consideration. In the end, the list is one we carefully curated to offer an eclectic mix of promising newcomers and old favorites that have proven worthy of the recognition. That means some of the best-known names in the business were passed over because the industry already is scrutinizing their every move in favor of some fresh faces and new names.

So we hope our readers find the lists useful: that they might remind you how deep the animation industry is; that they might open your eyes to a new company, executive, talent or event that will help your efforts succeed. And most of all, we hope they remind you how amazing it is to be involved in animation, whether it's as a creator, a business person or just as a fan.

Lastly, we want to thank our readers, who have made it possible for us to publish 250 issues of Animation Magazine. We appreciate the trust you place in us and expect the next 250 issues will be even more amazing!





Animation Companies

To Watch

AniMex

Founded: 2000 Location: Puebla Mexico, and Los Angeles



Type of animation: Traditional and CGI animation, creative development and

production.

Market segment: Feature films and shorts for television.

First animation project: Roncho, the Bad Luck Dog.

Most recent animation project: El

Americano: The Movie.

Crown jewel: El Americano: The Movie, a bi-cultural movie co-produced with Edward James Olmos and Phil Roman.

Reason to watch: Having proven it can make features for the domestic Mexican market, El Americano shows AniMex successfully setting its sights on and reaching the next level.

Cloth Cat Animation

Founded: 2012

Location: Cardiff, Wales, United

Kingdom

Number of employees: 40-plus Type of animation: 2D (CelAction, Flash, Toon Boom Harmony, TVPaint); CG (Maya, Houdini, Modo); mixed media and compositing (After Effects, Nuke).

Market segment: Predominantly

long-form international TV series for preschoolers and children.



but also music videos, short films, corporate and commercial films and animated feature films.

First animation project: Disney Tales of Friendship with Winnie the Pooh. Most recent animation project:

Toot the Tiny Tugboat (Lupus Films for Channel 5 Milkshake!)

Point of pride: We've worked on a wide variety of 2D and CG projects over the past three years and we're really proud of our team of animators and artists. There is a wealth of local talent in Wales and a growing community that is supporting our new phase of development.

Reason to watch: Cloth Cat's smart use of technology and growing local talent let it produce 52 episodes of Toot the Tiny Tugboat in one year, putting it at the front of the growing wave of U.K.

Cottonwood **Entertainment**

Founded: 2014

Location: Paris, Berlin and Los Angeles. Number of employees: 6

Type of animation: Digital 2D and CGI. Market segment: Kids TV and feature

First animation project: The Ollie &

Most recent animation project:

Squish. Crown iewel: The Ollie & Moon



Reason to watch: With veteran executive David Michel at the helm, Cottonwood has the relationships and experience needed for success built

Cube Creative

Founded: 2012 Location: Paris Number of employees: 15 Type of animation: 2D, 3D animation, and



Market segment: Short films, television series, advertising, theme-park films, 4D rides, broadcast design, visual effects for feature films and, eventually, a feature film.

First animation project: The short films 7 tonnes 3, from Nicolas Deveaux, and A quoi ça sert l'amour, from Louis Clichy.

Most recent animation project: Cartier advertising, directed by Nicolas Deveaux

Crown jewel: The award-winning TV series Kaeloo, directed by Remi Chapotot, for which a third season is currently in development; and the short 5m80, directed by Nicolas Deveaux.

Reason to watch: Well known for its shorts and commercials work, the success of Kaeloo indicates Cube is a force to be reckoned with in the TV world as well.

• Dwarf Labs Founded: 2010

Location: Montpelier, France Number of employees: 50 Type of animation: 3D CG animation Market segment: Feature films, TV

series and commercials.

First animation project: "Winter Tale," a commercial for Cartier.

Most recent animation project: A series of spots for the French National Railway Co.'s national safety campaign.

Crown jewel: A teaser

Bears' Famous Invasion of Sicily, a feature film produced by Prima Linea. Reason to watch: Having spent years developing its technology and training artists, Dwarf's debut work has been of extremely high quality and stunningly

Glen Keane **Productions**

Founded: 2013

Location: Los Angeles Number of employees: 5 Type of animation: Traditional, all

Market segment: Feature films, shorts and interactive films.

First animation project: Duet. Most recent animation project: Duet. Crown jewel: Duet, which was nominated for an Academy Award and the

essence of the studio's plans for future

projects. to watch:

Glen Keane



did beautiful work at Disney, but seeing his talents unleashed in Duet revealed a talent for breaking new ground in exciting

Go-N Productions

Founded: 2004 Location: Paris

Number of employees: 23

Type of animation: 2D, digital 2D, CGI Market segment: Preschool and

children's TV.

First animation project: The Large Family, with TF1 and BBC.

Most recent animation project: Zip-Zip, with France TV, Super RTL, Disney Channel France.

Crown jewel: Simon, an upcoming **PRODUCTIONS** preschool show

based on the book by Stephanie Blake that will be

produced entirely in-house.

Reason to watch: This reliably

entertaining producer is showing ability that matches its ambition when it comes to selling its animated shows beyond the French border.

Human Ark

Founded: 2008 Location: Warsaw, Poland

Number of employees: 30 Type of animation: 3D. Market segment: Feature films

shorts, television series, advertising.

First animation project: The Lost Town

of Switez, a short film.

Most recent animation

project: Casparade, a TV series. Crown jewel:

Diplodocus, a feature film.

Reason to watch: There's a real charm, craft and variety to Human Ark's work that has positioned it well in the global market.

Ink Brands

Founded: 1999

Location: Copenhagen, Denmark; with regional offices in Moscow; Dubai, United Arab Emirates; Kuala Lumpur,

Malaysia; Warsaw, Poland. Number of employees: 41 Type of animation: CGI and 2D. Market segment: Kids-oriented TV series and feature films.

First animation project: D6. Most recent animation project: Zafari.

Crown jewel: Masha and the Bear, a hugely successful project very few

believed in when Ink took it to market four years ago.



Reason to watch: The move into creative has given lnk a lot of credibility in the market for its plans to use mythological stories from around the world as the basis for future projects.

Karrot Animation

Founded: 2008 Location: London

Number of employees: About 45. Type of animation: 2D Digital. Market segment: Animated TV series

for children and advertising.

First animation project: One Minute

Wonders (2009).

Most recent animation project: A pilot for Amazon Studios called The Adventures of Knickerbock Teetertop. Crown iewel: Sarah & Duck. Karrot's

first in-housecreated series about a 7-year-old girl who lives with her best friend a duck.



Reason to watch: Sarah & Duck's journey from Cartoon Forum presentation to global hit shows Karrot knows what it's doing.

KinoAtis

Founded: 2004 Location: Moscow

television series.

Number of employees: 250 Type of animation: 3D CGI. Market segment: Feature films,

First animation project: Space Dogs 3D, a.k.a. Belka and Strelka: Space

Most recent animation project: A TV

series called Planet

Crown jewel: Space Dogs, which spans two featurelength animation



movies - Space Dogs 3D and Space Dogs: Adventure to the Moon – plus 104 episodes of a TV series called Space Dogs: Family.

Reason to watch: Lots of international

studios talk about making local myths and stories into features and TV series, but KinoAtis is doing it - and doing it well.



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continued from page 24

Mad Entertainment

Founded: 2010 Location: Naples, Italy Number of employees: 15 Type of animation: 2D and 3D. Market segment: Feature films, shorts, television series for all ages and advertising. First animation project: La Cantata dei Pastori (The Song of the Shepherds). Most recent animation project: La Gatta Cenerentola (Cinderella the Cat), in

production.
Crown jewel: L'Arte della Felicità (The Art of

Happiness). Reason to watch: The Art of

Happiness was justly lauded as the type of adult-oriented animated feature Europe is well known for - and the upcoming Cinderella the Cat looks to be another worthy artistic experiment.

Marza Animation Planet

Founded: 2005

Location: Tokyo and Burbank, Calif. Number of employees: 120 Type of animation: 3D CGI.

Market segment: Feature films, short films, game cinematics, projection mapping, virtual reality and visual effects.

First animation project: Space Pirate: Captain Harlock.

Most recent animation project: Sonic

the Hedgehog.

Crown jewel: Space

Pirate: Captain Harlock. Reason to watch:

Space Pirate: Captain Harlock is a bold-looking

film that deviates from the 2D norm for anime. Backed by Sega and having a new base in the U.S. positions Marza to do some great work.

MARZA

Moonbot Studios

Founded: 2009 Location: Shreveport La.

Number of employees: 50

Type of animation: CG, 2D, practical and miniatures.

Market segment: Shorts, feature films, apps, video games, advertising, children's episodic, advertising and branded

MOONBOT entertainment.

First animation project: The Fantastic Flying Books of Mr. Morris Lessmore. Most recent animation project: An animated storybook app called Billy's Booger, based on William Joyce's forthcoming book.

Crown jewel: The Academy Award-

winning The Fantastic Flying Books of Mr. Morris Lessmore.

Reason to watch: William Joyce has long been a force in publishing and animation, but it's the combination of his creativity and the technical wizardry and daring Moonbot has shown that makes it a bellwether of where the industry can go.

Mousetrappe

Founded: 2005 Location: Burbank, Calif. Number of employees: 10

animation: 2D and 3D character

Type of MOUSE and visual-effects animation.

Market segment: Theme parks, museums, theaters, special venues and other themed entertainment experiences.

First animation project: The Hollywood Dream roller coaster at Universal Studios lanan.

Most recent animation project:

Disneyland Forever, as part of the Disneyland Resort Diamond Celebration, and a yet-to-be-announced Disney theme park project.

Crown jewel: Beyond All Boundaries, a film for The National WWII Museum in New Orleans.

Reason to watch: Taking animation into new territory is par for the course for Mousetrappe, made all the more impressive by the quality of work they've done for venues ranging from Disneyland to Kennedy Space Center.

One Animation

Founded: 2008 Location: Singapore Number of employees: 50

Type of animation:

ONE ANIMATION

ЗD

Market segment: Television series for kids, feature films.

First animation project: Rob the Robot. Most recent animation project: Insectibles.

Crown jewel: Oddbods, a sketchbased nondialogue series that has aired on broadcasters the world over and its YouTube channel has earned more than 1 million views in a single month.

Reason to watch: Having landed Oddbods on Disney XD in the U.S., One Animation is attracting talent and growing quickly.

Reel FX

Founded: 1993

Location: Dallas, Texas, and Santa Monica Calif.

Number of employees: Between 310-

Type of animation: CG.

Market segment: Feature films, virtual reality, commercials and special attractions like theme-park rides and live venues.

First animation project: Man in the Moon, a short film with William Joyce.



Most recent

animation project: The Golden Glober nominated feature The Book of Life. Crown jewel: Seeing The Book of Life receive nominations for Best Animated Feature from the Golden Globes, Producer's Guild Awards, Critics Choice Awards and Annie Awards, as well as other industry nods.

Reason to watch: This company's entry into creating its own animated features has shown a high level of creativity and quality that's paid off with the success of Free Birds and The Book of Life.

Splash Entertainment

Founded: 2014

Location: Los Angeles Number of employees: 60 Type of animation: 2D, CGI, Flash animation.

Market segment:

Feature films and action, adventure and comedy TV series for



preschoolers and ages 6-11. First animation project: Norm of the

North, a feature due in 2016. Most recent animation project: Kulipari:

An Army of Frogs, a 13-episode half-hour

Crown iewel: Preschool hit Chloe's

Closet, season three of which is in production.

Reason to watch: This company has a long history of creating top-quality, award-winning cartoons, which makes its ownership of the hugely popular digital platform Kabillion a huge plus.

Tinman Creative

Founded: 2011 Location: Toronto

Number of employees: 15

Type of animation: 2D animation, stopmotion, puppetry and mixed media.

Market segment: TV pilots, advertising, feature films.

First animation project: An ad for IPL called Geniuses.

Most recent animation project: A 16-spot campaign with Digitas LBi for American Express's

#Everydaymoments campaign. Crown jewel: Super Science Friends, an in-production pilot that was funded via

crowd funding.

Reason to watch: Tinman's creativity in advertising and design is a sheer delight, making its inventive move into other content an exciting prospect.

Treehouse Republic

Founded: 2010

Location: Dublin, Ireland Number of employees: 6

Type of animation: 2D and 3D animation. Market segment: Television series, production, advertising, interactive and e-learning content.

First animation project: A 2D series

called Bottler.

Most recent animation project: Dragon Fist.

Crown jewel: Dragon Fist and how fast it has taken off, filling a room on the last session of the last day of Cartoon Forum and since then its been

going full steam ahead.

Reason to watch: It's hard to be funny, which makes Treehouse Republic's delightfully crazed sense of humor stand out in the preschool pack.

UP Studios

Founded: 2012

Location: Suzhou, China Number of employees: 30 Type of animation: CG and 2D. Market segment: Original IP creation, feature films, shorts, kids television series, books, mobile apps.

First animation project: BOOMiGram, a mobile

Most recent animation project: Super BOOMi, a CG-animated kids

television series. Crown jewel: BOOMiGram's ability to allow users to take videos and add highdefinition animations prompted Apple Computers to select UP as the first animation studio to tour and present at its

flagship stores in China. Reason to watch: UP Studios brings a deep understanding of China and the west to its business, giving it an enviable leg up in the most sought-after market in the world.

Wil Film ApS

Founded: 2002

Location: Copenhagen, Denmark Number of employees: 85 Type of animation: CGI

Market segment: Feature films, shorts, TV

series, commercials.

First animation project: Orla Frosnapper, Bertram

og hunden Polse, a short film from 2006, later developed into a feature.

Most recent animation project: LEGO Ninjago: Masters of Spinjitzu - Rebooted TV-series.

Crown jewel: LEGO Ninjago: Masters of Spinjitzu.

Reason to watch: This company has grown slowly but steadily from doing commercials to shorts, a feature and a hit TV series with LEGO, with no apparent end

Wild Canary

Founded: 2007 Location: Burbank, Calif Number of employees: 75

WILD CANARY

Type of animation: CGI, 2D and Flash Market segment: Preschool and commercials

First animation project: CGI animated commercial for Mucinex.

Most recent animation project: Season two of Sheriff Callie's Wild West and season two of Miles From Tomorrowland. Crown jewel: Miles from Tomorrowland. Reason to watch: This friendly, professional and productive studio offers

solid creative credentials and has two successful series on Disney channels.

Wizart Animation

Founded: 2007 Location: Moscow and Voronezh, Russia.

Number of employees: 200-

plus. Type of animation: CGI.

Market segment: Feature films and TV series for preschoolers and kids. First animation project: The Snow

Queen (2012)

Most recent animation project: The

Snow Queen 2 (2014).

Crown jewel: The Snow Queen 2, which was released in more than 80 territories and is set to spawn a sequel, The Snow Queen 3: Fire and Ice (2016).

Reason to watch: Animation is growing by leaps and bounds in Russia, and few have made as much of it as Wizart, which has turned its Snow Queen features into a legitimate global franchise.

Zag Toons Founded: 2009

Location:

Glendale. Calif.; Paris: Seoul;

Tokyo. Number of employees: 100

Type of animation: 3D CGI and CGI/liveaction hybrid.

Market segment: Feature films and TV for children and family audiences.

First animation project: Miraculous: Adventures of Ladybug.

Most recent animation project: Popples (2015), Zak Storm (2015).

Crown jewel: Miraculous: Adventures of Ladybug

Reason to watch: Betting big on content appears to pay off for Zag Toons, which has successfully generated a lot of attention for its projects well in advance of their release.



CONGRATULATIONS ANIMATION MAGAZINE!







WORLD CLASS CGI & STORYTELLING

features shorts tv series commercials

WILFILM



VFX Companies

To Watch

Animal Logic VFX

Founded: 1991 Location: Sydney. Los Angeles, Van-Number of em-

ployees: About 350

Types of VFX work: Specializes

in development and production of animated and visual-effects feature films with a strong proficiency in design-driven effects, largescale CG environments and animation.

Market segment: Feature films. First VFX project: Mouse Hunt.

Most recent VFX project: Avengers: Age of Ultron and Monk Comes Down The Mountain. Crown jewel: Winning Oscars for The Matrix and Happy Feet and producing the Australian animated feature Legend of the Guardians: The Owls of Ga'Hoole.

• Atomic Fiction

Founded: 2010 Location:

Oakland Ca-

lif.: Montreal: Los Angeles.

Number of employees: 135

Types of VFX work: Concept art, complex compositing, animation, digital environments, effects animation and face replace-

ATOMICATION

Market segment: Feature films. First VFX project: Transformers: Dark Side

of the Moon Most recent VFX project: San Andreas

Crown jewel: Upcoming feature The Walk, which was entirely rendered in the cloud.

BlueBolt

Founded: 2009 Location: London Number of employees: 45-50. Types of VFX

work: Specializ-



es in environments with the 2D comp team being the largest. This is complimented by a smaller 2.5D matte paintings and 3D team.

Market segment: Feature films and high-end TV series

First VFX project: Prince of Persia Most recent VFX project: The Man From U.N.C.L.E. and Macbeth.

Crown jewel: Being awarded all of season one of Game of Thrones when we were just the three founders and a Labrador.

• Blur Studio

Founded:

1995 Location: Culver City, Calif.

Number of employees: 100 Types of VFX work:

Live-action animation, visual effects

and design for any media platform, and often leads or contributes to concept development. Market segment: Everything from feature

BLUR

films to game trailers to advertising. First VFX project: Deep Rising (1998) Most recent VFX project: Avengers: Age

Crown jewel: Upcoming feature Deadpool, currently in production, is being directed by Blur owner and creative director Tim Miller: Blur is contributing supporting VFX.

capital T

Founded: 2012 Location: Maui Hawaii

Number of employees: 2 Types of VFX

work: 2D work of all kinds, from marker

removals to matte paintings to greenscreen comps

Market segment: Feature films and commercials

First VFX project: The Host

Most recent VFX project: Avengers: Age of Ultron, Ant-Man.

Point of pride: Being able to do what we love from where we love to be.

Clan VFX

Founded: 2012

Location: Sao Paolo Brazil

Number of employees: 45

Types of VFX work: 3D modeling and animation, 2D animation, compositing, digital matte painting, simulation effects.

Market segment: Mostly advertising First VFX project: "Encontros" for Embratur. Most recent VFX project: "Inside the Bottle" for Dolby and Coca-Cola.

Crown jewel: "Bohemian Rhapsody" for

Crafty Apes

Founded: 2011 Location: Culver City, Calif., and Atlanta

Number of employees: 20

Types of VFX work: 2D Compositing with

an emphasis on greenscreen driving shots, 2D compositing and digital beauty rejuvenation,

Market segment: Feature films and tele-

First VFX project: Good Deeds Most recent VFX project: Avengers: Age of Ultron, Insurgent and Black Mass.

Crown jewel: 12 Years a Slave and Avengers: Age of Ultron.

Double Negative

Founded: 1998 Location: London. Singapore, Van-

Number of emplovees: About

1.500 Types of VFX

work: Feature film

and TV visual effects and feature animation. Market segment: Major feature films, highend television drama and feature animation. First VFX project: Pitch Black

double negative visual effects

Most recent VFX project: Avengers: Age of Ultron

Crown jewel: Work on Interstellar, which won an Oscar and a BAFTA Award for Best visual effects and led to the publication of two scientific papers, co-authored with leading astrophysicist Kip Thorne, on the discovery of new insights into the appearance of spinning black holes.

Encore VFX

Founded: 1985 Location: Los Angeles; Burbank, Calif.; New York City; Vancouver; Toronto; London.

Number of employees: About 200.

Types of VFX work: Complete VFX work from CG creatures and crowds to digital matte paintings, composites and invisible beauty work.

Market segment: Specializes in visual effects for episodic content across platforms and demographics.

First VFX project: Charmed. Most recent VFX project: The Flash. Crown jewel: Banshee, for which Encore won Emmy and VES Awards for outstanding

visual effects.

Framestore

Founded: 1986 Location:



New York. Los Angeles, London, Montreal.

Number of employees: 1,128

Types of VFX work: Full range of visual effects including images, characters, and environments for feature films and advertising.

Market segment: Feature films, shorts, advertising, online, digital, VR, gaming. First VFX project: Music video for "God Thank You Woman," by Culture Club.

Most recent VFX project: Avengers: Age

Crown jewel: Creating the Oscar-winning visual effects for Gravity.

Iloura

Founded:

1980s; began doing visual effects in 2000.



Location: Sydney and Melbourne, Australia. Number of employees: 200-plus.

Types of VFX work: Character animation, creature animation, effects, digital environments and matte painting.

Market segment: Feature films and television.

First VFX project: House of Flying Daggers. Most recent VFX project: Mad Max: Fury

Point of pride: Its ability to bring its growing experience to each new film to create the best work possible.

Image Engine

ed: 1995



Location: Vancouver Number of employees: 250.

Types of VFX work: Full range of visual effects, including creatures, environments and other digital effects.

Market segment: Feature films, television series, advertising

First VFX project: Metro Cafe.

Most recent VFX project: Jurassic World. Crown jewel: Academy Award-nominated

work on District 9.





ANIMATION & VISUAL EFFECTS

MAD MAX: FURY ROAD

THE SPONGEBOB MOVIE: SPONGE OUT OF WATER

GODS OF EGYPT

TED & TED 2







continued from page 28

Jellyfish Pictures

Founded: 2001 Location: London, with studios in Oxford Circus and Brixton South



Number of employees: 60-100

London.

Types of VFX work: Creature-based, animation-based, character-driven, set extensions, 2D and 3D.

Market segment: Feature films, shorts, TV series and specials and commercials.

First VFX project: Nestle Milky Bar commercials and sponsorship in 2001.

Most recent VFX project: Kingsman: The Secret Service

Crown jewel: Fight for Life, a series looking inside the human body that won awards for visual effects from the likes of BAFTA, the VES and the Royal Television Society.

• Luma Pictures

Founded: 2002 Location: Santa Monica,



Number of employees: 175

Types of VFX work: Creatures, FX, crowds, environments, animation and emerging me-

Market segment: Feature films, broadcast advertising, online and animation series.

First VFX project: Underworld Most recent VFX project: Avengers: Age of Ultron

MATTERVr

Founded: 2015 Location: Santa Monica. Calif. Number of



content, virtual reality film and episodic programming.

Market segment: Current projects include educational, science fiction, comedy, children's and drama programs. Also works with its sister company, HALON Entertainment, in previz.

Method Studios

Founded: 1998 Locations: Los Angeles, New York City, Chicago, Detroit, Atlanta, Vancouver and London.



Number of employees: 700 plus.

Types of VFX work: Everything from photo-real CG animation, 2D compositing, 3D creatures, effects and concept art to matte paintings, motion design, graphics. Market segment: Feature films, commercials games television and music videos.

First VFX project: A commercial for Intel's Pentium 3 processor.

Most recent VFX project: The downtown destruction sequence for San Andreas.

Crown jewel: The award-winning commercial Halo Reach: Deliver Hope, which included VFX of a quality previously reserved for big-budget feature films.

Milk FX

Founded: 2013 Location: Lon-

don: Cardiff Wales, United Kinadom.



Number of em-

ployees: 120 artist seats

Types of VFX work: 3D; 2D; effects-driven work; environments; crowds; creature work, including grooming, feathers and fur; concept design; pre-visualization.

Market segment: High-end television series and feature films.

First VFX project: Doctor Who Most recent VFX project: Jonathan Strange and Mr. Norrell, a seven-part BBC television drama.

Crown jewel: Jonathan Strange and Mr.

 Mirada Studios Founded: 2010 Location: Los Angeles Number of employees: 80-150



real CG, fully animated CG projects, fully animated 2D projects and motion graphics.

Market segment: Feature films, shorts, television series, online outlets and advertising. First VFX project: 5 Gum RPM "Choose Your Energy," directed by Jon Favreau.

Most recent VFX project: Maytag campaign with Digitas Chicago.

Crown jewel: Pacific Rim and IBM's THINK Exhibit, which covered all aspects of Mirada's design, editorial, visual-effects, animation, digital, interactive and finishing capabilities.

New Deal Studios

Founded: As Hunt-

er-Gratzner, 1995; as New Deal Studios, 2001 Location:



Svlmar, Calif. Number of

employees: Varies, from a handful to more than 100. Types of VFX work: Design, previz, miniatures, photographic effects, digital effects and virtual reality.

Market segment: Primarily feature films and commercials, but also theme parks, print ads, shorts, web content, television, film production and virtual reality.

First VFX projects: Broken Arrow, The Arrival and "The Universe of Energy Pavilion" at Disney's EPCOT center.

Most recent VFX project: A 360-degree live-action, cinematic virtual reality music video, "New Generation" for the band Galvanized Souls to be released in June of 2015, directed by New Deal owner and co-founder Matthew Gratzner

Crown iewel: New Deal owner and co-founder Ian Hunter received the Academy Award in Visual Effects for the studios' contributions to Christopher Nolan's film Interstellar in 2015.

RISE FX

Founded: 2007 Location:



Berlin, Cologne and Stuttgart, Germany; Vienna, Austria

Number of employees: 18

Types of VFX work: Environments, characters and digital doubles, effects animation and

Market segment: Mostly feature films but also television series.

First VFX project: Märzmelodie (2008) Most recent VFX project: Avengers: Age of Ultron

Crown jewel: Upcoming The Man from U.N.C.L.E.

Rodeo FX

Founded: RODEO 2006 Location: Visual Effects Company

Montreal; Quebec City, Quebec; Los Angeles

Number of employees: 250

Types of VFX work: compositing, matte painting, CG environments, 3D animation, CG effects and simulation, concept art, previs Market segment: Feature films. TV series. advertising, promos.

First VFX project: The Golden Compass Most recent VFX project: Tomorrowland Crown jewel: Ongoing visual-effects work for Game of Thrones, for which it received an Emmy Award in 2014, and VES Award-winning work on Birdman.

Scanline

Founded: SCANLINE VEX

Locations: Los Angeles, Vancouver, Munich and Cologne, Germany.

Number of employees: 500-plus. Types of VFX work: Specializes in complex effects and is well known for its proprietary, in-house fluid effects software Flowline.

Market segment: International German and European feature films, television series and movies, advertising.

First VFX project: Prior to 300 in 2006, Scanline worked mostly on German and European feature and television films.

Most recent VFX project: Fast & Furious 7. San Andreas, Heart of the Sea, Batman v. Superman: Dawn of Justice, Point Break. Crown jewel: Oscar nominations for best visual effects for Clint Eastwood's Hereafter, Iron Man 3 and Captain America: The Winter

Timber

Founded: 2014

Location: Santa Monica Calif.



Number of employees: 15-25

Types of VFX work: Full-fledged visual-effects, design, digital-production and image-crafting company with a design oriented background.

Market segment: Advertising, music videos and short-form branded content.

First VFX project: An advertisement for Gatorade featuring NFL star Peyton Manning. Most recent VFX project: Campaign for GMC Precision with Leo Burnett.

Crown jewel: Directing, designing, shooting, visual effects and finishing the holiday campaign for UGG & M&C Saatchi.

Whiskytree

Founded: WHISKYTREE

Location: San Rafael, Calif. Number of employees: 20-45 Types of VFX work: Full-service visual effects, from concept art and design to final shots.

Market segment: Feature films, television commercials, game cinematics, special-venue projects, VR/AR, and all make and manner of computer-graphics projects that end up in print and on screens big and small.

First VFX project: Bedtime Stories Most recent VFX project: Tomorrowland Crown jewel: Neill Blomkamp's Elysium.

Wolf and Crow

Founded: 2011

Location: WOLF & CROW Los Angeles

Types of VFX work: We're not really interested in re-creating reality as much as altering it, so the VFX work we enjoy tends to speak

Market segment: Feature films, advertising, the occasional music video, media installations and self initiated short films.

First VFX project: Marvel's Avengers Battle for Earth game cinematics.

Most recent VFX project: A few self-contained narrative animated sequences within Joe Wright's forthcoming Pan feature film. Crown jewel: While we have a lot of heart for our musical short "Love in the Time of Advertising", right now, we're still aglow from collaborating with Bjork for her Black Lake installation at MoMA in New York City.







Executives

To Watch

Pierre Belaisch

Title: CEO Company: Gaumont Animation

Location: Paris Medium and genre:

Television series of all genres for all ages, and feature films.

First animation project: Dude, That's My Ghost!, a co-production with Disney EMEA. Most recent animation project: Nod-

dy, an all-new 3D CGI animated series featuring the popular children's character, produced in association with France Televisions and DreamWorks Classics.

Crown jewel: The CGI series Calimero. about a loveable little black chicken that was initially created in 1963.

Why we're watching: Building on its successes in France, Belaisch has invested heavily in development to prep Gaumont for a successful move into more territories with properties like Furry Wheels and Laurel

Melissa Boaa

Title: VP kids & family entertainment Company: Shout!

Location: Los Angeles Medium and genre: Ani-

mated and live-action movies and TV series for preschool, teens and families.

First animation project: Brendan Small's Home Movies animated series for home entertainment distribution.

Most recent animation project: The Seventh Dwarf Movie (upcoming), Maya The Ree Movie

Crown jewel: My Little Pony: Equestria Girls movies for home entertainment and theatrical distribution.

Why we're watching: Boag heads Shout! Factory's increasingly visible efforts in animation distribution, both on home video and in theaters.

Mary Bredin

Title: Executive VP Company: Guru Studio Location: Toronto Medium and genre: All types of animation for TV

Transylvania Pet Shop

series for ages 2-11. First animation project:

Most recent animation project: Dino-

Point of pride: Justin Time

Why we're watching: Bredin has successfully converted Guru from a service company into a creator of global brands capable of partnering with the top companies in the business and creating award-winning and successful hits like Backyardigans and Paw Patrol.

Sarita Christensen

Title: Founder and CFO Company: Bombay Copenhagen

Location: Copenhagen, Denmark, and Stockholm, Sweden.

Medium and genre: Features, TV series and cross media for children and youths across all genres.

First animation or VFX project: Princess (2006)

Most recent animation or VFX project: Beyond Beyond (2015), a feature film.

Point of pride: Having created a company that insists on quality and originality in children's entertainment.

Why we're watching: The quality of work Christensen has been able to get out of small budgets at Bombay Christensen offers an eye-opening model for ways small studios can succeed in a big way.

Malik Ducard

Title: Head of YouTube Kids & Learning Company: YouTube Location: Beverly Hills, Calif.

Medium and genre: Online content for kids ages 2-8.

First animation project: Acquired the animated Stellaluna title from Scholastic while at MGM

Most recent animation project: Worked with Maker Studios to acquire Stampylonghead's Wonderquest for YouTube Kids.

Crown jewel: Being part of the launch of YouTube Kids

Why we're watching: Heading up the launch of YouTube Kids puts Ducard at the forefront of creativity for the digital distribution of content for childrens.

Frank Falcone

Title: President and Creative Director

Company: Guru Studio Location: Toronto Medium and genre: All

types of animation for TV series for ages 2-11.

First animation project: Nickelodeon's Backyardigans.

Most recent animation project: Animated comedy series Nemesis, which launched on Teletoon last month and has already registered 30,000 views.

Crown jewel: Justin Time, Guru's award-winning first original IP, developed in-house and sold around the world.

Why we're watching: Few executives have Falcone's creative instincts for finding and creating outstanding and original animation that rises to the top of the field.

Soren Fleng

Title: Executive Producer Company: Soren Fleng Entertainment

Location: Vibourg, Denmark

Medium and genre: Ani-

mation for TV, mobile and feature films with a focus on comedy, adventure and action for ages 4-12.

First animation project: Ella Bella Bingo, TV series for girls 4-6.

Most recent animation project: Subway Surfers animated TV series, in develop-

Crown jewel: Angry Birds Toons, which has reached more than 1.5 billion views on Rovio Entertainment's in-game channel,

Why we're watching: Having successfully turned games franchises into animation hits like Angry Birds Toons, Soren has become an in-demand consultant for building strategies for and executing international high-end serial animation productions for selected international clients.

Arish Fyzee

Title: CEO

Company: Prana Studios and Rhythm & Hues Location: Los Angeles Medium and genre:

Features and visual effects for all ages and genres.

First animation or VFX project: Media producer for the Back to the Future ride at

. Universal Studios Florida Most recent animation or VFX project:

Prana - Magical Adventure 5D themed entertainment attraction: Rhythm & Hues visual effects on Game of Thrones.

Why we're watching: Fyzee has been heading up Prana as it grows on a global scale, including taking over the post-bankruptcy Rhythm & Hues.

Christopher Keenan

Title: VP Global Content & **Executive Producer** Company: HIT Enter-

tainment

Location: London Medium and genre: Animated series, DVD



features and digital shorts for children and preschoolers.

First animation project: Tiny Toon Adventures at Warner Bros.

Most recent animation project: Thomas & Friends series and DVDs at HIT.

Crown iewel: Doing multiple Scooby-Doo DVD features and television series at War-

Why we're watching: Keenan has a proven track record of helping develop for more than two decades hit animated shows - a track record he's brought to bear on the potent brands wielded by HIT.

Cort Lane

Title: VP Animation Development & Partnerships Company: Marvel Television

Location: Burbank, Calif. Medium and genre: Ani-

mated TV series, shorts and feature-length specials primarily for ages 6-11.

First animation project: Barbie In A Christmas Carol for Mattel & Universal Studios Home Entertainment

Most recent animation project: Marvel's Guardians of the Galaxy animated series and shorts.

Point of pride: Ultimate Spider-Man: Web Warriors for the high quality of the animation and storytelling of the Spider-Verse arc. Why we're watching: Lane knows how to handle iconic kids' brands, with previous experience at Mattel on brands like Hot Wheels and Barbie; now he's driving Marvel's ambitious moves into animation with Ultimate Spider-Man and Guardians of the Galaxy.

Petteri Pasanen

Title: CEO

Company: Anima Vitae Location: Helsinki Finland.

Medium and genre: 3D CGI and stop-motion shorts and feature films.

First animation project: Pizza Passionata (2001) a short film.

Most recent animation project: Hugo - the World's Worst Comeback, based on an international media franchise character originally from Denmark.

Crown jewel: Niko & the Way to the Stars - a.k.a. The Flight Before Christmas - was an award-winning international success that spawned a sequel.

Why we're watching: The animation boom coming out of Finland can be largely traced back to Pasanen's efforts as an award-winning filmmaker and as the head of the na-

tion's reknowned Anima Vitae studio.

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ADVERTISING TV & FILM



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Martin Pope

Title: Co-founder Company: Magic Light **Pictures**

Location: London Medium and genre:

Feature films for families. children and adults

First animation project: The Gruffalo (2009).

Most recent animation project: Revolting Rhymes (2016).

Crown jewel: Room on the Broom (2012) Why we're watching: Pope has a seemingly golden touch when it comes to creating animated shorts that delight the eyes as much as the mind, and has the Oscar nominations to prove it.

Birk Rawlings

Title: Head of DreamWorks TV

Location: Glendale, Calif.

Medium and genre:

Digital lifestyle channel for

families with kids ages 6-12.

First animation project: Disney's Princess and the Frog.

Most recent animation project: Extreme Craft Stick Mayhem.

Crown jewel: Teenage Mutant Ninja Turtles on Nickelodeon.

Why we're watching: Rawlings opened a creative floodgate and made the online channel DreamWorks TV into a definitive destination for indie animated comedy for

Shabnam Rezaei

Title: President and Co-Founder

Company: Big Bad Boo Studios and Oznoz.com Location: Vancouver.

New York City and Los Angeles

Medium and genre: TV preschool & kids 2D Animation

First animation project: Babak & Friends - A First Norooz

Most recent animation project: 16 Hudson

Crown jewel: 1001 Nights

Why we're watching: Rezaei's idea for Oznoz.com is simple and brilliant: offer animated children's programming in languages such as Hindu, Korean, Chinese and Spanish.

Iohn Rice

Fox in 1997

Title: CEO Company: JAM Media

Location: Dublin, Ireland: and Belfast, U.K. Medium and genre:

Comedic animated and digital puppetry television

shows for preschoolers and children. First animation project: Anastasia, for

Most recent animation project: New preschool series Little Roy, coming in 2017. Crown jewel: Winning the company's first BAFTA for Roy, followed by being named

Cartoon Forum Producer of the Year in

2012

Why we're watching: Rice brought his skill as an animator in the U.S. and entrepreneurial spirit home to Ireland, where the creation of JAM Media was a key moment in Ireland's growth as an animation producer.

Michael Rose

Title: Co-founder Company: Magic Light **Pictures**

Location: London Medium and genre:

Feature films for families. children and adults

First animation project: A Close Shave

Most recent animation project: Stick

Man (2015) Crown jewel: The Gruffalo (2009) Why we're watching: Rose has kept his eye on quality and it's paid off with Oscar nominations and hits like Stick Man.

Tamara Rothenberg

Title: Global Kids Content Acquisition

Company: Netflix

Location: Beverly Hills, Calif.

Medium and genre: I'm pro-

gramming for our global kids audience, focusing on animated and live-action series that all of our younger viewers will enjoy - preschoolers through tweens and teens.

First animation or VFX project: Before we moved into launching our own kids' original shows last year, I started relationships for Netflix with LEGO and The Pokemon Company International for their wonderful animated series.

Most recent animation or VFX project: The new Danger Mouse series , and Puffin Rock Crown jewel: As a parent, I'm personally invested in bringing high-quality programming to audiences around the world. It has been a great pleasure to play a role in programming kids titles for the launches of most of our international territories, and I'm excited about the future expansion to come.

Why we're watching: Netflix is the top brand in digital streaming services and Rothenberg holds the keys to getting onto that bus.

Jyotirmoy Saha

Title: Founder and CEO Company: August Media Holdings and ASI Animation Studios

Location: Singapore and Manila, The Philippines.

Medium and genre: Animated TV series. First animation or VFX project: Daft Planet, for Teletoon with Cinegroupe, Canada.

Most recent animation or VFX proj-

ect: George of the Jungle for Teletoon, Nickelodeon and others, with DreamWorks

Crown jewel: George of the Jungle. Why we're watching: Saha - or Moy, as most people know him - has made August Media Holdings one of Singapore's fastest-growing startups, creating hit series like Ella Bella Bingo that have sold in markets all over the world.

Iose San Román

Title: CFO

Company: Ilion Animation Studios

Location: Madrid, Spain

Medium and genre: Fully animated CGI

feature films for theatrical release aimed at a global, all-ages audience.

First animation project: Spirit of the Forest (2008)

Most recent animation project: Mortadelo y Filemón contra Jimmy el Cachondo (2014).

Point of pride: Román brought financial expertise to Ilion, where he assembled European talent to create animated features like Planet 51 that can compete on the global stage.

Fred Seibert

Title: CEO

Company: Frederator

Networks

Location: New York City and Burbank Calif.

Medium and genre: Global animation media

network; digital distribution; and animated series and feature films for TV, theatrical and online.

First animation project: MTV's "Moon Landing" promo.

Most recent animation project: Bee and PuppyCat

Crown jewel: What A Cartoon! for Hanna-Barbera and Cartoon Network

Why we're watching: Not only is Seibert producing some of the top animated shows around, his online Frederator Network is constantly adding dozens of channels of the net's best animated content.

Adam Selly

Title: Founder Company: Union Media Location: London

Medium and genre: TV for preschoolers and

children.

First animation or VFX project: Boj for CBeebies.

Most recent animation or VFX project: Earth to Luna! for Discovery Kids.

Crown jewel: Building up a reputation as a distribution business that represents high-quality programming.

Why we're watching: Selly's approach to distribution - working with high-quality producers and letting creators retain ownership – is a positive working model for the future of distribution.

Tara Sorensen

Title: Head of Kids Programming

Company: Amazon Studios

Location: Santa Monica. Calif.

Medium and genre: Television for preschoolers and children.

First animation project: Rolie Polie Olie at Nelvana for Disnev

Most recent animation project: Amazon original series Tumble Leaf, Creative Galaxy and Annedroids.

Crown jewel: The launch of Amazon's first original children's series.

Why we're watching: Sorensen has been instrumental in the launch of Amazon's entire kids slate with an increasingly robust pipeline planned for the future.



Title: Chairman Company: Mr. Cartoon

Pictures Location: Shanghai, China

Medium and genre: Ani-

mated movies primarily for ages 5-12. First animation project: Storm Rider, at Shanghai Media Group.

Most recent animation project: Boonie Bear II.

Crown jewel: Planning to lead his team to produce a high quality animated family movie that works for both China and the global market within five years.

Why we're watching: Wang has set apart Mr. Cartoon Pictures from the rest of the pack in China by focusing on quality over quantity, producing hits like Pleasant Goat and Big Big Wolf.

Robert Winthrop

Title: VP animation and games

Company: Technicolor Location: Paris, Los Angeles and Bangalore, India

Medium and genre:

Involved in a wide range animation and games projects across a broad range of demographics and a multitude of genres.

First animation or VFX project: Kissyfur (1987) as a production assistant.

Most recent animation or VFX project: The Deep, a co-production between DHX Media and A Stark Production; Alvinnn!!!

& The Chipmunks, co-produced with Bagdasarian Productions; Sonic Boom!, a co-production with SEGA; and the forthcoming preschool series Monchhichi.

Crown jewel: Takes the greatest pride in having built Technicolor's studio in Bangalore into a global competitor.

Why we're watching: Winthrop has been key in progressing Technicolor quickly and solidly from a service studio into a creative nowerhouse.

Paul Young

Title: CEO, co-founder Company: Cartoon Saloon

Location: Kilkenny, Ireland

Medium and genre:

Features, preschool and kids comedy and

First animation or VFX project: The Secret of Kells

Song of the Sea Crown jewel: Being nominated for an

Most recent animation or VFX project:

Oscar for Song of the Sea.

Why we're watching: As co-founder of Cartoon Saloon, Young has produced films that put Ireland on the map as a serious artistic and commercial animation player.







Creatives

To Watch

Cam Baity



Job: Animator, show creator, author

Current company: Stoopid Buddy Stoodios Recent credits: Cocreator of Shadow

Machine's preschool pilot Made by Molly; co-author of The First Book of Ore: The Foundry's Edge, a novel published by Disney-Hyperion; director on Adult Swim's Moral

Genre and medium: Stop-motion, 2D, puppetry, live action for all ages and all genres.

First animation or VFX project:

Layout artist on the short-form TV series Chowdaheads (1999), created by Eli Roth. Most-recent animation or VFX project: Lead animator on Sony's Supermansion.

Proudest accomplishment: Winning an Emmy for Outstanding Achievement in Animation on the Robot Chicken DC Comics Special II: Villains in Paradise.

Reasons to watch: Baity shows awardwinning talent as an animator and ambition as a storyteller that indicates the potential to create something big and special.

Kelli Bixler and **Drew Hodges**





Job: Bixler - executive producer, creative director; Hodges - creator, director, executive producer, animator,

Current company: Bix Pix Entertainment, in

Recent credits: Bixler - executive producer on *Tumble Leaf*, creative director on Visine; executive producer on *The Roadents*; Hodges - creator, director and executive producer on Tumble Leaf, animator on Anomalisa, animator on Thomas Demand's Pacific Sun.

Genre and medium: Television series for preschoolers

First animation project: Bixler - Dinner Time, an interstitial series for the Disney Channel in 1998; Hodges - A Claymation film called Hue, which was nominated for a Student Academy Award.

Most-recent animation project: Tumble

Proudest accomplishment: Bixler - A tie between Miss Twiggley's Tree and Tumble Leaf: Hodges - Tumble Leaf.

Reasons to watch: Tumble Leaf's awardwinning ways have become a shining example of how to create a great and successful children's show in the brave new digital age.

Rebecca Bresee and Wayne Unten





Job: Heads of animation

Current company: Walt Disney Animation Studios

Recent credits: Co-heads of animation on Frozen Fever, supervising animators on Frozen, animators on Wreck-It Ralph. Genre and medium: Features and shorts for

family audiences. First animation or VFX project: Bresee - Treasure Planet (2002): Unten - Meet the Robinsons (2007)

Most-recent animation or VFX project: Frozen Fever.

Reasons to watch: Having served as supervising animators on Anna and Elsa in the biggest animated movie of all time, and coheads of animation on the follow-up - making Bresee the studio's first woman head of animation - both are set for even bigger roles at the Mouse House.

Paul Briggs



Job: Head of story Current company: Walt Disney Animation Studios Recent credits: Head of story on Big Hero 6, head of story on Frozen,

storyboard artist and writer, Get a Horse! Genre and medium: Feature films and

shorts for family audiences.
First animation or VFX project: Mulan (1996)

Most-recent animation or VFX project: Big Hero 6 (2014)

Proudest accomplishment: Working with like-minded artists who challenge each other every day.

Reasons to watch: Having succeeded as head of story on two of Disney's biggest hits, Briggs is developing an animated feature at the studio and will continue to have a creative voice at the medium's flagship studio.

Iericca Cleland



Job: Director, writer **Current company:** JC Creative Studios, Vancouver Recent credits: Codirector on Ratchet &

Clank; director and co-writer on Animism: The Gods' Lake; cinematographer on Arthur Christmas

Genre and medium: Animated features and television series for audiences of all ages. First animation project: Toy Story 2

Most-recent animation project: Director and writer on an untitled animated feature with Nørlum.

Proudest accomplishment: Finding Nemo. Reasons to watch: A diverse skill set is proving her value and, with a feature directing credit on Ratchet & Clank, the sky's the limit.



supervisor Current company: Pixar Animation Studios Recent credits: Story supervisor on Inside Out,

story artist on *Up*, story artist on *Ratatouille*. **Genre and medium:** CG features.

First animation project: The Incredibles. Most-recent animation project: Inside

Proudest accomplishment: Inside Out. Reasons to watch: With Inside Out poised to be a huge critical and commercial success, Cooley is following it up by landing one of the most sought-after gigs in animation as codirector with John Lasseter on Toy Story 4.

Aurore Damant



Job: Writer, director. creator Current companies: Go-N Productions. Nickelodeon Animation Studios, Paramount

Animation, Samka Productions and Xilam Animation.

Recent credits: Zip-Zip, co-creator, character designer, art director, pilot director; The SpongeBob Movie: Sponge Out of Water, visual development artist; Jamie's Got Tentacles!, co-creator. Genre and medium: Comedy TV series for

ages 6-10, 2D digital animation. First animation or VFX project: Eliot Kid, a TV series produced by Samka Productions and Safari De Ville.

Most-recent animation or VFX project: A half-hour animated TV special project called The Fruits Riot, currently at a very early stage of development.

Proudest accomplishment: Zip-Zip, because the development of the show was creatively very rewarding and she had her first experience as a director on the pilot.

Reasons to watch: Creating one hit show is accomplishment enough, but Damant has done it with multiple studios and on multiple continents, giving her work a reach, impact and appeal few can match.

Lino DiSalvo



Job: Creative director Current company: Paramount Animation Recent credits: Head of animation on Frozen; supervising animator

on Tangled; head of animation on Prep and Landing, all for Disney,

Genre and medium: Feature films. First animation or VFX project: Inspector

Gadget (1999).

Most-recent animation or VFX project: Directing a film that is in development at Paramount Animation.

Proudest accomplishment: It is a tie between Frozen and Tangled.

Reasons to watch: How often does anvone get a chance to start up an animation studio at a major studio? Not very, which is why seeing what DiSalvo does with so tantalizing a blank slate is going to be so much fun.

Asaph "Ace" Fipke



Job: Writer, director, producer, executive producer Current company: DHX Media, Vancouver Recent credits: Creator and executive producer of Slugterra; creator

and executive producer of Endangered Species, a comedy series airing on Teletoon; executive producer of Kate & Mim-Mim. Genre and medium: Kids television, across

genres. First animation or VFX project: Beast Wars/Beast Machines at Mainframe Entertainment

Most-recent animation or VFX project: Endangered Species, which premiered in Canada on Teletoon in March.

Proudest accomplishment: The global success of Slugterra, which has been broadcast in 170-plus territories and secured more than 80 licensees worldwide.

Reasons to watch: Fipke's track record creating hit boys' action franchises speaks for itself, and now that he's got a bigger field to play on at DHX, there's no reason to think he won't do it again and again.

Daniel Gies



Job: Animator, director, art director, illustrator Current company: e.d. Films, in Montreal Recent credits: Art director, illustrator and

lead animator on Elemented, an animated action-adventure, science education miniseries for young adults in production; co-director, art director and lead animator on National Geographic Museum Presents: Monster Fish: In Search of the Last River Giants, an animated exhibition opener; art director, director, illustrator, lead animator on Retour à Hairy Hill, an animated short in production for festival distribution. **Genre and medium:** Animated shorts for

families and youths featuring educational content, cultural properties and animation technology R&D.

First animation project: Do You Know What Nano Means?

Most-recent animation project: Monster Fish: In Search of the Last River Giants. Proudest accomplishment: Making and posting more than 75 free online tutorial videos on animation-production techniques, thus connecting to a community of inspiring learners and animators from all over the world.

Reasons to watch: Gies' innovative work, dedication to his craft and willingness to teach is having a big influence on an entire generation of animators.

Alex Hirsch



Job: Creator, writer and voice actor Current company: Walt Disney Television Animation, Glendale,

Calif. Recent credits: Gravity Falls, Fish Hooks, The Marvelous Misadventures of Flapjack. Genre and medium: TV animation, kids and families, comedy

First animation project: "The first thing I ever animated was in middle school: It was a .GIF of a fat dog having his floppy face blown back by a fan. It was hypnotic and I was hooked.'

Most-recent animation project: Gravity





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Proudest accomplishment: "Turning one of our offices into a functioning old-timey saloon called "Drunkle Stan's," complete with neon signs, taxidermied animal heads, an arcade machine and beer on tap."

Reasons to watch: Few shows in recent have developed the kind of cult following that Gravity Falls has achieved - and much of that can be credited to Hirsch.

Daisy Jacobs



Job: Animator, director Recent credits: Short films The Bigger Picture, Tosh and Don Justino de Neve.

Genre and medium:

Life-size stop-motion animation. First animation project: Don Justino de Neve

Most-recent or VFX project: The Bigger

Proudest accomplishment: The Bigger Picture, which was nominated for an Academy Award for Best Animated Short Film.

Reasons to watch: She's only made a few films, but they have had a big impact - see the Oscar nomination for The Bigger Picture that denotes a special talent for the form.

Robert Kondo and Daisuke "Dice" Tsutsumi





Job: Co-founders, writers, directors, animators

Current company: Tonko House, Berkeley, Calif.

Recent credits: Kondo - director on The Dam Keeper, sets art director on Toy Story 3 and Ratatouille; Tsutsumi - director on The Dam Keeper, art director on Monsters University, art director on Toy Story 3. Genre and medium: Animated features for

families.

First animation or VFX project: Tsutsumi - color key artist on Ice Age; Kondo -Ratatouille.

Most-recent animation or VFX project: The Dam Keeper

Proudest accomplishment: The Dam Keeper.

Reasons to watch: This ex-Pixar duo took a side project short and turned it into a huge festival favorite, earning along the way an Oscar nomination, a deal for a feature and more.

Kira Lehtomaki



Job: Supervising animator Current company: Walt Disney Animation Studios Recent credits: Animator on Frozen (2013). animator on Paperman

(2012), animator on Wreck-It Ralph (2012). Genre and medium: Feature films and shorts for family audiences.

First animation or VFX project: Alvin and the Chipmunks (2007)

Most-recent animation or VFX project: Supervising animator on Zootopia (2016). Reasons to watch: As the supervising animator on Judy Hopps, a lead character in Disney's upcoming *Zootopia*, Lehtomaki is a fast-rising star at the studio.

Niki Lindroth von Bahr



Job: Animator Current company: Malade AB, Stockholm, Sweden Recent credits: Short

films Tord and Tord (2010) and Bath House (2014)

Genre and medium: Analog stop-motion animation with puppets and model sets. Short films screened in cinemas, film festivals and television. Dramas focused on an adult audience.

First animation project: Tord and Tord Most-recent animation project: Bath House Proudest accomplishment: "Finding the strength to work on Tord and Tord for over a year, even though I had no budget at all. That was tough." Reasons to watch: With only two short films under her beld, this Swedish animator has made a big impact and is one of three judges in the shorts category at this year's Annecy festival.

Patrick McHale



Job: Creator, writer, creative director, storyboard artist Current company: Cartoon Network in Burbank, Calif.

Recent credits: Creator of Over the Garden Wall: writer and former creative director on Adventure Time; storyboard artist on Marvelous Misadventures of Flapjack. Genre and medium: Children's TV series.

First animation project: "In high school, I had a public-access TV show called Television Show that had animation in it." Most-recent animation project: Over the Garden Wall.

Proudest accomplishment: Over the Garden Wall.

Reasons to watch: Over the Garden Wall was one of the most delightful shows of the past year, both breaking ground as Cartoon Network's first miniseries and preserving the charm of traditional animation and children's storytelling

Yuval and Narev Nathan



Job: Animators, producers Current company: Animation Home, which they own together in Israel.

Recent credits: Music video for "Lose this Child" by Eatliz; music video for "Robin" by Efrat Ben-Zur; music video for "Her Morning Elegance" by Oren Lavie.

Genre and medium: Stop-motion, 2D and 3D animation for music videos and commercials

First animation project: "Attractive," a music video for a song by Eatliz.

Most-recent animation project: "Robin." Proudest accomplishment: "Robin," for which they dived deeper into the emotional and associative load that the materials carries, and tied it to 19th century poet Emily Dickenson's lyrics, and Efrat Ben-zur's beautiful music.

Daron Nefcy



Job: Creator, animator, writer **Current company:** Walt Disney Television Animation Recent credits: Creator,

Star vs. The Forces of Evil; storyboard revisionist for Wander Over Yonder; designer and graphic artist for MAD; writer and co-director of an animated short for the independent film *Holiday Road*. **Genre and medium:** TV animation, kids and

families, comedy/adventure

First animation or VFX project: CalArts freshman film Scissors, which played in various animated film festivals

Most-recent animation or VFX project: Star vs. The Forces of Evil.

Proudest accomplishment: Creating Star vs. The Forces of Evil.

Reasons to watch: This fast-rising CalArts grad had a hit with her first series, Star vs. The Forces of Evil, from its first brief appearance at Comic-Con, and the final product has only built on that potential.

Patrick Osborne



Job: Writer, director,

Current company: Walt Disney Animation Studios Recent credits: Writer and director on the Oscar-

winning short Feast; animator on Wreck-It Ralph; animator on Tangled. Genre and medium: Animated features and

shorts for family audiences. First animation or VFX project: The

Chronicles of Narnia: The Lion, the Witch and the Wardrobe.

Most-recent animation or VFX project: Feast.

Major accomplishment: Feast. Reasons to watch: Feast was a runaway hit from the moment it debuted at Annecy through its Oscar win, showcasing Osborne's impressive talents on a huge scale.

Regina Pessoa



Job: Writer, director, animator Current company: Ciclope Filmes in Valbom, Portugal. Recent credits: The

Night (1999), Tragic Story With Happy Ending (2006) and Kali, The Little Vampire (2012)

Genre and medium: Animated engravings and author of independent animation for general audiences.

First animation project: The Night (1999) Most-recent animation project: Kali, The Little Vampire (2012).

Proudest accomplishment: Winning the Annecy Crystal Grand Prix for Tragic Story With Happy Ending in 2006.

Reasons to watch: Pessoa brings a fresh new voice to animation that has made her one of the most successful filmmakers to come out of Portugal. Her works have only grown in appeal, making her a potential international

Ryan Quincy



Job: Creator, director, producer. Current company: Walt Disney Television Animation, Glendale, Calif. Recent credits: Creator

of Future-Worm!, creator of Out There, animation producer and director on South

Genre and medium: Comedy animated family and children's shows for television First animation project: Animator on South Park: Bigger Longer & Uncut.

Most-recent animation project: Future-Worm! short-form and full-length series, about a boy who creates a time machine lunch box and befriends a fearless worm from the future. Proudest accomplishment: Developing and making the Future-Worm! shorts that led to the upcoming series.

Reasons to watch: Quincy's Future-Worm! looks like a real comedy hit - no surprise given his credits – and looks primed to continue Disney TVA's enviable winning streak.

Timothy Reckart



Job: Writer, director, animator Current company: Sony Pictures Animation

Recent credits: Oscar-nominated short Head Over Heels: animator on Anomalisa. a stop-motion feature; director of the music video "MTV Exit: Broken Dreamers."

Genre and medium: Short films, feature films. TV series for children.

First animation or VFX project: Head Over Heels.

Most-recent animation or VFX project:

The Lamb, a feature in development at Sony. Proudest accomplishment: Selling his first pitch in Hollywood, for an original TV series that is still in development - the first time he was paid for something he created.

Reasons to watch: Reckart is breaking into the big leagues with a family feature project from a major studio - a project sure to be closely watched.

Leo Riley



Job: Supervising director Current company: Marvel Animation Studios Recent credits: Guardians of the Galaxy:

The Animated Series, Iron

Man/Captain America: Heroes United, Tron: Uprising.

Genre and medium: Kids action television

First animation project: The Nick Junior production Little Bill.

Most-recent animation project: Guardians of the Galaxy: The Animated Series

Proudest accomplishment: "Tron: Uprising that whole time with the production crew at TVA was just really special."

Reasons to watch: With Marvel's global presence growing daily, their choosing Riley to head up the animated version of its newest and least-tested - says a lot about his talents.

Anthony Silverston



Job: Writer, director, development executive Current company: Triggerfish Animation Studios, Cape Town, South Africa

Recent credits: Head of development on several feature films: writer, director and producer on Khumba; writer and producer on Adventures in Zambezia.

Genre and medium: Family features First animation project: The Slipper Cycle, independent stop-motion short.

Most-recent animation project: Seal Team, currently in development.

Proudest accomplishment: Khumba Reasons to watch: Since joining Triggerfish as creative director, Silverston has catapulted its credits from minor television work to producing a string of successful animated features with an African flavor.

Rebecca Sugar



Job: Creator, artist, writer **Current company:** Cartoon Network Recent credits: Creator Steven Universe; artist on Pug Davis comic book;

storyboard artist and writer on Adventure

Genre and medium: Animated comedy TV shows for children.

First animation project: Singles (2009). Most-recent animation project: Steven Universe

Proudest accomplishment: A song titled "Stronger than You" written for the Steven Universe episode "Jailbreak."

Reasons to watch: There's no denying the personal vision Sugar brings to her work - and there's no better example of how appealing it is than the success Steven Universe has enjoyed right from the start.





ONE STUDIO. TWO COUNTRIES.

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CHECK OUT "HUGO", "FLEAK" AND OTHER PROJECTS ON WWW.ANIMA.FI



Essential Software

Developers

Allegorithmic

Founded:

2003



Location: Clermont-

Ferrand, France; Paris; Shanghai, China; Venice, Calif.

Number of employees: 40 **Current products: Substance** Painter, Substance Designer, Bitmap2Material

Crown jewel: Substance Painter for its unique material painting workflow and its particle brush system.

Autodesk

Founded: 1980



Location:

San Rafael, Calif., with locations worldwide

Number of employees: 7,300-plus Current products: 3ds Max 3D modeling, animation and rendering software; Maya 3D animation, modeling, simulation and rendering software; MotionBuilder 3D character animation software; Mudbox digital painting and sculpting software; Memento, an end-to-end solution for converting any captured reality input into high definition 3D meshes; Maya LT 3D modeling and animation software for professional indie game developers.

Crown jewel: Maya and 3ds Max, which is celebrating its 25th anniversary this year.

CACANi

Founded: 2011

Location: Singapore

Current products:

CACANi, a

2D animation

app that automatically fills in frames between keyframes.

Crown jewel: CACANi, for its

ability to speed up production for independent animators and small studios.

cebas

Cebas Visual **Technology**

Founded:

1988



Victoria, Canada

Number of employees: 5-11 **Current products:**

thinkingParticles, finalRender, finalToon, pyroCluster, moskitoRender, DVD Training, PSD Manager, scalpelMax and volumeBreaker.

Crown jewel: thinking Particles, for its fully procedural and physically accurate, real-world destruction and special-effects simulations.

CelAction

Founded:

2000 Location: London



Number of employees: 10

Current products: CelAction2D, a 2D animation software; CelAction Animatic storyboarding software. Crown jewel: CelAction2D, which enables the total cost of production to be lowered by using both vectors and bitmaps in a skeleton-based system and allowing maximum reuse of animation, so that a small team of talented animators can

Chaos Group

punch way above their weight.

Founded:

1999 Location:

CHMOSGROUP

Sofia.

Bulgaria, with offices in Los Angeles, Baltimore, Tokyo and Seoul.

Number of employees: 160 Current products: V-Ray rendering software and Phoenix FD simulation software.

Crown jewel: V-Ray, which has become the go-to renderer used by high-profile companies and innovators in the visual effects and design industries.

Exocortex

Founded:

2005

Location:

Ottawa Canada

Number of employees: 1-10 Current products: Clara.io, an online 3D modeling, animation and render software; Crate, professional plug-in for Alembic; Fury, a particle accelerator; Slipstream, a fluid simulator; Momentum, a real-time multi-physics simulator; Species, for simplifying human character

Point of pride: Clara.io's user base hit 100,000 registered users in just 600 days.

Fabric Engine

Founded:



2010 Location: Montreal

Number of employees: 10 Current products: Fabric Engine, a framework for building content creation tools.

Crown jewel: Fabric Canvas, a visual programming system for Fabric Engine 2.

FlickerLab

Founded:

FIICKERLAB

Location: Brooklyn, N.Y., and Copenhagen, Denmark. Number of employees: 12

Current products: Cartoon

Broadcast System, a live animation production system used to create thousands of hours of broadcast and digital animated shows around the world; and Animgram, the world's first animated messaging

system that allows anyone to create lip-synced, fully animated cartoons with just their voice and a swipe, then share as a message, or post to social media.

Crown jewel: FlickerLab Interactive Publishing System, a platform that allows the automated creation and distribution of rich media digital publications that can include animation, video, text, images, games, and any other kind of interactive content.

Formlabs

Founded:

2011

formlabs 😿

Location:

Somerville, Mass.

Number of employees: 120 Current products: The Form 1+, a high-resolution, desktop 3D printer animators have been using to make character models.

Crown jewel: The Form 1+, which offers affordable 3D printing technology to animators and studios of all sizes.

The Foundry

Founded: 1996

Location:

London and

Redwood City,

Calif.

Mischief.

Number of employees: 270 Current products: Nuke, Modo, Mari, Hiero, Ocula, Katana, Flix, Colorway and Made With

Crown jewel: Nuke node-based VFX, editorial and finishing tools; and Modo for 3D modeling, animation, sculpting and effects.

Isotropix

Founded: 2011

Isotropix

FOUNDRY

Location:

Montpelier, France

Number of employees: 20



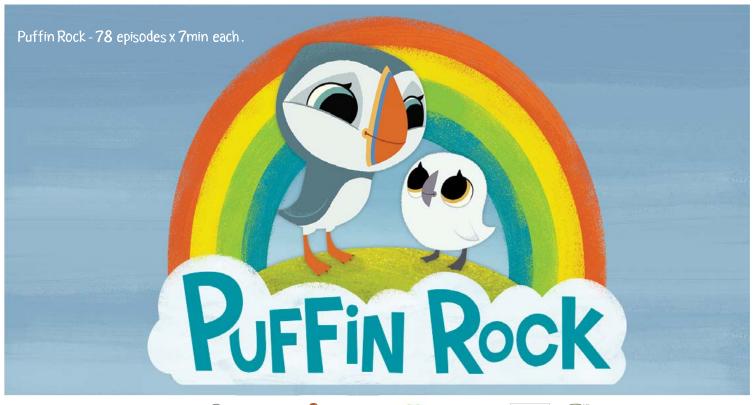
Cartoon Saloon



presents 2 new shows

























Current products: Clarisse iFX 2.0, a rendering tool for 2D and 3D animation.

Crown jewel: Clarisse iFX, a fusion of an animation package, a compositing software and a 3D rendering engine. It has been designed to streamline the workflow of CG artists to let them work and constantly interact on their final image with full effects on.

• Kdan Mobile Software

Founded:

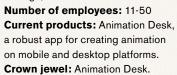
2009

Location: Tainan City,

Taiwan;

Changsha City, China; State

China; State College, Penn.



MAXON

Founded: 1985

MOXAM

FOR THE REAL WOR

Location:

Friedrichsdorf, Germany, and worldwide.

Number of employees: 130 Current products: Cinema 4D and BodyPaint 3D for 3D animation and designs for feature films, television programs and commercials, video games, live theater, music videos, motion graphics, broadcast packages, multimedia and online content.

Crown jewel: Cinema 4D, for its advanced capabilities, ease-of-use, smooth workflow and integration with other leading tools.

Newtek

Founded:

1986

Location: San Antonio, Texas



Current products: LightWave 2015, a 3D modeling, rendering, animation software that is used

extensively in broadcast, film, graphics, archviz, game dev, product design and 3D printing; Virtual Set Editor for TriCaster; LiveText for TriCaster; SpeedEDIT for TriCaster. Crown jewel: TriCaster, a multicamera production system.

Next Limit

Founded: 1998 Location: Madrid,

Spain Number of

employees: 11-50
Current products:

Maxwell Render, RealFlow, XFlow **Point of pride:** Winning an Academy Technical Achievement Award in 2007 for RealFlow's contributions to the industry.

• Oculus VR

Founded:

2012



NEXT LIMIT

Location:

Menlo Park, Calif.

Number of employees: 300 plus. **Current products:** Oculus Rift, a virtual-reality platform (hardware and SDK), and Gear VR Innovator Edition (software).

Crown jewel: Oculus Rift.

Pixar

Founded: P



Location: Emeryville, Calif. Number of employees: 1,200 Current products: RenderMan. Crown jewel: RenderMan.

Shotgun Software

Founded: SHOTGUN

Location: Los Angeles
Number of employees: 60
Current products: Shotgun, for production tracking, review and

asset management.

Crown jewel: Shotgun, which is a leading cloud-based application that was recently expanded via acquisition of RV, the widely adopted desktop image and sequence player.

• Side Effects Software

Founded: 1987 Location:



Toronto and Santa Monica,

Calif

Current products: Houdini, a procedural node-based 3D animation and visual-effects package used to create content for films, commercials, and video games; and Houdini Engine.

Crown jewel: Receiving on three separate occasions an award from the Academy of Motion Pictures Arts and Sciences for technical advances.

• Sitni Sati

Founded: 1999



Location: Zagreb, Croatia
Current products: FumeFX,
offering fluid dynamics for Autodesk
3ds Max and Maya; AfterBurn, a
particle-based volumetric renderer
for 3ds Max; and DreamScape, for
rendering of skies, clouds, terrain
and ocean.

Crown jewel: FumeFX, which has been used in many Hollywood blockbuster movies.

Solid Angle

Founded:

2009

SOLIDANGLE

Location:

Madrid, Spain; and London

Number of employees: 28

Current products: Arnold, a Monte
Carlo path-tracing renderer built for
animation and visual effects.

Crown jewel: Arnold

• Thinkbox Software

Founded:

2010

Location:

Los Angeles;

Winnipeg and

Vancouver, Canada; and London, with remote locations worldwide.

Number of employees: 30 plus.

Current products: Deadline, Draft, Krakatoa, Frost, Stoke, XMesh and

Sequoia.

Crown jewel: Deadline, a scalable high-volume computer management toolkit that has helped hundreds of VFX customers to create the biggest blockbusters.

• Toon Boom

Founded:

1994

Location:

Montreal

Number of employees: 75 Current products: Harmony 12, Storyboard Pro.

Crown jewel: Harmony 12, which has become an industry-standard tool for animators, studios and projects of all sizes.

Weta Digital

Founded: 1993 Location:

Wellington, New

Zealand.
Number of

employees:

1,130.

Current products: Manuka, a physically based renderer; Deep Compositing, a compositing workflow featuring depth data per pixel; OpenEXR 2.0 core code, an HDR image file format that supports color and depth data essential to a deep compositing workflow; Tissue, a physically based muscles, skin and fat simulation framework; Barbershop, hair grooming software; Massive, an Al software for crowd generation; Mudbox, a 3D sculpting and painting tool; Mari, a 3D paint tool; Odin a unified massively parallel multiphysics simulation framework; Lumberjack, an art-directable vegetation growth simulation tool.

Point of pride: Implementing Manuka, as the primary renderer in *The Hobbit: The Battle of the Five Armies*, enabling high quality images to be rendered quickly for the detailed, large-scale battle scenes.



NewTek*



NORWEGIAN ANIMATION





















2015

Can't-Miss Events

• American Film Market

www.americanfilmmarket.com

Founded: 1981 Location: Santa Monica, Calif.

AFM

Number of attendees: 8,000

Animation or VFX related content:

Market for the independent production and distribution of feature films, including animated features.

Next dates: Nov. 4-11
Reasons to Attend: The best
American event for making deals to get
animators' finished product out in front

of an audience.

• Animation Masters Summit

http://animationsummit.in

Founded: 1999 (as Week with the Masters)



Kerala, India

Number of attendees: 350
Animation or VFX related content:

Includes festival of animated short films and presentations from the world's top animation talents.

Next dates: April or May 2016 **Reasons to Attend:** An intimate setting for viewing and learning from the work of master animators.

Animex Int'l Festival of Animation & Computer Games

http://animex.tees.ac.uk

Location:
Middlesbrough,
United Kingdom.



Number of attendees: 700-800
Animation or VFX related content:

A six-day festival of animation, VFX, games and comics that features talks, screenings, workshops, exhibitions, networking events and schools and community projects.

Next dates: Feb. 8-12, 2016.
Reasons to Attend: An intimate and inclusive gathering full of opportunities for education and entertainment.

Annecy Int'l Animation Film Festival

www.annecy.org Founded: 1960 Location: Annecy,

France



Number of attendees: More than 7,000 accredited professionals; 115,000 screening tickets sold.

Animation or VFX related content:

Full festival for screening international animated shorts and features as well as a market and special programming.

Next dates: June 15-20

Reasons to Attend: The major tastemaking event for the animation set, it's become the preferred setting for big debuts from studios both large and small

• The Annie Awards

www.annieawards.org

Founded: 1972 Location: Los Angeles Number of attendees:



1,500 plus. **Animation-**

related content: Presents annual awards in 36 animation categories, including Production, Individual Achievement and Special Juried awards for feature films, television, short films, advertising and online.

Next date: Feb. 6, 2016.

Reasons to Attend: As the biggest awards show dedicated solely to animation, the Annies is the best – and most fun – industry event of the year.

Cartoon Movie, Cartoon Forum

www.cartoon-media.eu

Founded: 1999 Location: Lyon, France; Toulouse, France



attendees: 750;

Number of

Animation or VFX related content:

A pitching and co-production forum for animated feature films and TV programs from Europe.

Next dates: Cartoon Movie – March 2-4, 2016; Cartoon Forum – Sept.

Reasons to Attend: One of the most

unique and productive venues for pitching projects to potential partners and finding funding for animated shows.

Comic-Con International

www.comic-con.org **Founded:** 1970

Location: San Diego,

Number of attendees: More than

130,000.

Animation related content: Offers hundreds of hours of programming on the animation industry, upcoming films and television series, as well as screenings of anime and upcoming

major animated TV and feature releases.

Next dates: July 9-12

Reasons to Attend: Bigger and crazier than ever, there's still nothing like heading to Comic-Con to see, hear and pitch next-gen entertainment ideas directly to the fans who love them.

• CTN Animation Expo

www.ctnanimationexpo.com

Founded: 2009 Location:



Burbank, Calif.

Number of attendees: 6,000. Animation-related content: A full range of animation-related events including exhibitors, panels, screenings, portfolio reviews and other special events.

Next dates: Nov. 20-22 Reasons to Attend: Gets into the

nuts and bolts of everyday work life for animation students and professionals, and a great place to look for the next great gig and learn from the pros.

• Digital Hollywood

www.digitalhollywood.com

Founded: 1994
Location: Various
Number of
attendees: 15,000
Animation or VFX

related content:



A series of events dedicated to showcasing the latest technology and digital content to executives and buyers from across the industry.

Next dates: Oct. 19-22 in Marina del

Rey, Calif.

Reasons to Attend: Digital distribution is the future of media, and there's no better place to find out what's going on with it than this event.

• Dingle International Film Festival

www.dinglefilmfestival.com

Founded: 2007 Location: Dingle County, Ireland Number of

Number of attendees: 350 delegates; 2,000 attendees



Animation or VFX related content:

Screens animation features, series and shorts with a focus on Irish productions. Animation Dingle program offers case studies and screenings.

Next dates: March 17-20, 2016

Peasons to Attend: The feetival is

Reasons to Attend: The festival is a great networking opportunity for professionals and animation students to mingle with the cream of the international broadcasters, publishers, animation companies and talent from around the world.

El Festival Cuernavaca

www.elfestival.mx
Founded: 2012
Location:

Cuernavaca, México

México
Number of attendees: 1,000 in 2014
Animation or VFX related content:

Official selection, screening events, keynotes, workshops, master classes, making-of features, works-in-progress, TV series market, public-space screenings, exhibitions, signing sessions, boutique.

Next dates: Sept. 9-13
Reasons to Attend: In just four short years, this has grown into
Mexico's most-vibrant animation event, featuring prizes, a market and advance screenings in a charming setting near Mexico City.

FMX

www.fmx.de Founded:

FMX2016

1994 April 26-29, www.fmx.de

Location: Stuttgart, Germany. **Number of attendees:** More than

3,000 daily visitors

Animation or VFX related content:













For general inquires: hello@wizartanimation.com International distribution: kp@wizartanimation.com www.wizartanimation.com







Conference on digital entertainment addressing technical and business issues in both fields.

Next dates: April 26-29, 2016 Reasons to Attend: CGI visual effects and animation get the full treatment at this event, which covers all the technical and creative aspects behind the most-recent cutting-edge projects.

Kidscreen Summit

www.summit.kidscreen.com

Location: Miami, Fla. **Number of** attendees: 1,700

Animation or VFX

related content: Full conference and networking event dedicated to children's entertainment in all its forms, including animation.

Next dates: Feb. 8-11, 2016 Reasons to Attend: Producers and execs in children's animation know how important it is to attend this annual event for making connections and catching up with the latest developments in the children's market.

Licensing Expo and Brand Licensing Europe

www.licensingexpo.com www.brandlicensing.eu

Founded: 1980 for Licensing Expo; 1999 for **Brand Licensing** Europe



Location: Las Vegas; London Number of attendees: 15,700; 7,000 **Animation or VFX related content:**

Dozens of animated entertainment brands make their pitch for licensing deals at these annual events

Next dates: June 9-11; Oct. 13-15 Reasons to Attend: Animated properties are among the most vital and long-lived in the business, meaning anyone who owns a licensable IP and doesn't attend is likely leaving money

on the table.

MIPCOM and MIP **Iunior**

www.mipcom.com;

www. mipcomjunior.

1985: 1992



Location: Cannes, France

Number of attendees: 13,000 plus;

mipcom

1,300 plus

Animation or VFX related content:

Global market for buying and selling distribution rights to television content of all types.

Next dates: Oct. 5-8; Oct. 3-4 Reasons to Attend: Essential as the place to meet the entire world of production for television, with

special attention paid to children's programming.

NATPE

www.natpe.org

Founded: 1964 Location:

Mlami, Fla., and Prague, Czech Republic Number of attendees: 5,000

Animation or VFX related content: American programming market serving the worldwide television community as well as one of the top new media and technology conferences.

Next dates: Miami - Jan. 19-21, 2016; Prague - June 22-25. Reasons to Attend: Though this event has skewed toward regions like Latin America in recent years, it remains an essential venue for finding distribution for animated TV shows.

Northwest Animation Festival

www.nwanimationfest.com

Founded: 2011 Location: Portland and Eugene, Ore.



Number of

attendees: More than 1,700. Animation related content: Weeklong screenings of animated films, mostly shorts. Special programming highlights local industry and indies as well as diverse themes.

Next dates: May 2016.

Reasons to Attend: Did you know this is the largest animation-specific festival in the United States? What else do you need to know?

Ottawa International Animation Festival

www.AnimationFestival.ca Founded: 1976

Location: Ottawa.

Canada.

Number of attendees:

28.000

Animation or VFX related content:

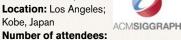
A competitive film festival for short and long form animation. Also features special screenings, artist talks and a business conference for the animation industry.

Next dates: Sept. 16-20 Reasons to Attend: North

America's premiere animation festival is an extremely well-curated show representing the best in all types of animation in a friendly, social venue.

SIGGRAPH and SIGGRAPH Asia

www.siggraph.org Founded: 1974; 2008 Location: Los Angeles; Kobe, Japan



OTTAWA INTERNATIONAL 20

ANIMATION 15

14,000; 7,000

Animation or VFX related content:

Computer graphics conferences that feature extensive talks, programs, panels, screenings and speakers related to animation and visual effects. Next dates: Aug. 9-13; Nov. 2-5 Reasons to Attend: Outstanding

venue for computer animators and effects artists to learn the latest research and test out the most-recent products.

SXSW

www.sxsw.com Founded: 1987 Location: Austin, Texas

Number of attendees: 72,000



A trio of festivals, for film, interactive technology and music to foster creative and professional growth alike.

Next dates: March 13-22, 2016 Reasons to Attend: The film festival focuses on new directors, while the technology spotlight offers one of the biggest venues for finding the best in new creative tech.

Toronto Animation Arts Festival International

http://taafi.com Founded: 2012 Location: Toronto Number of

attendees: 2,500

Animation or VFX related content:

TAAFI focuses on all aspects of animation, from theatrical and television animation to games and visual effects. Next dates: April 22-24, 2016

Reasons to Attend: An exciting, intimate festival that attracts a strong list of animation professionals and screenings of top-notch animated films.

Visual Effects Society Awards

www.visualeffectssociety.com

Founded: 2003 Location: Los

Angeles

Number of attendees: 1,000 plus.

Animation or VFX related content:

Presents annual awards recognizing outstanding visual-effects artistry and innovation in film, animation, television, commercials, video games and special

Next dates: Feb. 2, 2016. Reasons to Attend: This is the awards show for the VFX set, for no other reason than it truly gets how deep and varied the industry is and how much great work is done in it.

View Conference

www.viewconference.it Founded: 1999 Location: Turin, Italy Number of

attendees: 6,000 Animation or VFX related content:



Conference and festival focused on computer graphics, interactive techniques, digital cinema, 2D and 3D animation, gaming and visual effects.

Next dates: Oct. 19-23 Reasons to Attend: A combination of the best in culture and computer graphics tech that Europe has to offer.

World Animation Celebration

www.animationmagazine.net/wac

Founded: 2014 Location: Culver City, Calif.

THE WORLD

Number of attendees: 500-1.000

Animation or VFX related content:

New animated films, industry panels, world class animation judges, guest speakers promoting animation from around the world.

Next dates: Oct. 24-25 Reasons to Attend: A top-notch showcase for some of the best animated short films from across the globe.

World Animation and **VFX Summit**

www.animationmagazine.net/summit

Founded: 2012

Location: Marina del Rey, Calif. Number of attendees: 400. **Animation and VFX related**

content: Gala awards ceremony celebrating top names in the animation and visual-effects industry; two days of high-end panels in an intimate setting allow access to network with top professionals; tours of Los Angeles studios

Next dates: Nov. 2-4 Reasons to Attend: Offers a rare level of intimacy and access to potential co-production partners, talent and technology, as well as allowing industry professionals to project profitable and sustainable future models for the global animation and visual-effects





VIEW Conference 2015

16TH INTERNATIONAL COMPUTER GRAPHICS CONFERENCE WWW.VIEWCONFERENCE.IT



Interactive Techniques, Digital Cinema, 2D/3D Animation, Gaming and VFX Turin, Italy 20-23 Oct 2015

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Check our website to submit your work or do it online on our Festhome page (https://festhome.com/f/776)

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Schools To Hire From

Academy of Art University

Founded: 1929 Location: San Francisco



Number of

students: 17,000 overall; 1,700 in

Relevant programs: Storyboarding, 3D animation, 3D modeling, 2D animation,

stop-motion, visual effects. Degrees offered: Associate in Arts,

Bachelor of Fine Arts, Master of Fine Arts and a certificate program. Successful alumni: Arda Koyuncu (lead

character artist at Blur Studio), Melissa Rosenzweig (Avengers: Age of Ultron, Mad Max: Fury Road, San Andreas), Shauna Lacoste (Monsters University, Strange Magic, Fruitvale Station).

• The Animation Workshop

Founded: 1988 Location:



Denmark Number of students: 400 overall; 200 in animation.

Relevant programs: 2D animation, both classical hand-drawn style as well as some limited-animation techniques; 3D animation; stop-motion.

Degrees offered: Bachelor of Arts in character animation (animating in 2D and 3D); and Bachelor of Arts in CG arts (design, concept art, modelling, texturing, lighting rigging etc.)

Successful alumni: Frederik Villumsen, animation director on 2014 Oscarnominated feature film Song of the Sea; Thorbiørn Christoffersen, animation director of Danish animation blockbuster Ronal the Barbarian; Mette Tange, animator on Minions.

Art Center College of Design

Art Center College of Design

Founded: 1930 Location: Pasadena, Calif. Number of students: 1,767 total undergrads, 218 total grad students; 109 in entertainment design, 555 in

illustration.

Relevant programs: Entertainment design, featuring two tracks: concept design and character animation. Character animation, officially launching in fall 2015, allows students to focus on the nuances, traits and overall performances that bring a particular

definition to characters within a story. Concept design students focus their creativity on drawing, rendering, model building, sculpting and the use of 3D digital tools. Illustration is for students who want to focus on traditional TV and feature animation.

Degrees offered: Bachelor of Science in entertainment design. Bachelor of Fine Arts in illustration

Successful alumni: Neville Page (Avatar, Prometheus, Star Trek: Into Darkness), Farzad Varahramyan (High Moon Studios; Call of Duty, Deadpool), Victoria Ying (Tangled, Frozen, Big Hero

Bezalel Academy of Arts and Design

Founded: 1906; animation added in 1996 Location:

Jerusalem and



Tel Aviv. Number of students: About 2,000 overall; 176 in animation.

Relevant programs: Hand-drawn animation, stop-motion, experimental animation and computer 3D animation.

Degrees offered: Bachelor of Fine Arts, Bachelor of Design, Master of Fine Arts, Master of Arts, Master of Design.

Successful alumni: Advertising and short-film animator Fran Hilleli: artist and animator Michael Faust: and Waltz With Bashir animator Yoni Goodman.

Brigham Young University

Founded:

1875: animation program in 2001 Location: Provo,



Number of students: 30.000 overall: 80 in animation.

Relevant programs: Computer and traditional animation.

Degrees offered: Bachelor of Fine Arts in animation, Bachelor of Arts in computer science with animation emphasis. Bachelor of Fine Arts in illustration with a design emphasis.

Successful alumni: Hyrum Osmond, head of animation at Disney Feature Animation; Tyson Murphy, lead character artist at Blizzard Entertainment; Emron Grover, character cloth lead at Pixar.

California Institute of the Arts

Founded: 1961 Calarts Location:

Valencia, Calif.

Number of students: 1,500 overall; about 300 in animation programs.

Relevant programs: Character- and story-based animation, stop-motion animation, fine-art animation, installation and new media, traditional hand-drawn animation and CG animation.

Degrees offered: Bachelor of Fine Arts in character animation. Bachelor of Fine Arts in experimental animation, Master of Fine Arts in experimental animation.

Successful alumni: John Lasseter, chief creative officer at Pixar and Walt Disney Animation Studios; Tim Burton, director of Frankenweenie: Pendleton Ward creator of Adventure Time.

Capilano University

Founded:
1968; animation CAPILANO added in 1994

Location: North Vancouver, Canada. Number of students: 7,500 overall; 85

Relevant programs: 2D animation and visual development, 3D animation for film and games, digital visual effects.

Degrees offered: Two-year intensive diploma in 2D animation and visual development, 3D animation for film and games, digital visual effects; four-year Bachelor of motion picture arts.

Successful alumni: Sarah Airriess animator on Princess and the Frog, Paperman, Winnie The Pooh, Duet; Clio Chiang, story artist on Frozen; Benson Shum, animator on Big Hero 6, Frozen and Wreck-It-Ralph.

Chapman University's Dodge College of Film and Media Arts

Founded: 1996 Location: Orange, Calif.

Number of



students: 1,160 overall, 119 digital arts students

Relevant programs: 2D hand-drawn character animation, CG character animation, design, visual effects, and motion graphics.

Degrees offered: Bachelor of Fine Arts in digital arts.

Successful alumni: Jack Anderson. multifestival award-winner for the short film Wire Cutters; Katelyn Bianchini, production designer at Disney Interactive and Lucasfilm Online; Monica Stefanelli, CG generalist at Mousetrappe.

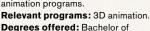
Cogswell Polytechnical College

Founded: 1887 Location: Sunnyvale,

Calif.

Number of students:

574 overall; 209 in animation programs.



Arts in digital art and animation with concentrations in 3D animation, 3D modeling and entertainment design; Bachelor of Arts in game design art; Bachelor of Science in game design engineering; Bachelor of Science in digital audio technology; Bachelor of Arts in digital media management; Bachelor of Science in digital arts engineering; and Bachelor of Science in software engineering.

Successful alumni: Nathan Hillier, character effects artist on How to Train Your Dragon 2; Chris Evart, character technical director on Frozen; Ryan Rogers, technical animation lead on Life of Pi.

DAVE School

Founded: 2000 Location:

Orlando, Fla.

Number of students:

Studios.

171 overall; 114 in animation and VFX production

Relevant programs: Computer animation.

Degrees offered: Diploma. Successful alumni: Chris Gottron, animator, DreamWorks Animation; Cody Burke, animator, Nickelodeon Animation Studios; Matthew Zeyn, animator, layout artist and compositor, DisneyToon

DSK Supinfocom International Campus **DSK** INTERNATIONAL CAMPUS

Founded: 2008 Location: Pune, India

Number of students: 561 overall, 107 in animation.

Relevant programs: Animation, visual effects, game design, game art.

Degrees offered: International master's degree.

Successful alumni: Shivangi Ranawat, character animator and digital filmmaker, digital art director at Ekabhuva Studios: Varun Nair, concept artist at Xentrix Studio in Bangalore; Kartik Gupta, lookdevelopment technical artist at Xentrix Studio in Bangalore.





www.human-ark.com



Filmakademie Baden-Wuerttemberg

FOUNDED: FILMAKADEMIE

Location: Ludwigsburg, Germany Relevant programs: Animation, visual effects, digital post-production. Successful alumni: Saschka Unseld,

director of Pixar's The Blue Umbrella: Mathias Wittmann, animation supervisor at Digital Domain (Maleficent, TRON Legacy): Jakob Schuh and Max Long. co-founders of Studio Soi and directors of The Gruffalo.

Gnomon School of Visual Effects

Founded: 1997 Location: Los Angeles Number of



students: 450 Relevant programs: Character and creature animation, visual-effects animation, 3D generalist, modeling and

texturing and games. Degrees offered: Three-year entertainment design and digital production for entertainment program. certificate based; and a two-year digital production for entertainment program, also certificate based.

Successful alumni: Alberto Abril, animator on Frozen; Casey McDermott, cinematic animator on World of Warcraft; Christopher Perkowitz-Colvard animator on Guardians of the Galaxy for Method

• Gobelins l'école de l'image

Founded: Department of Animation in 1975 Location: Paris Number of students:



Relevant programs: The character animation and animated filmmaking program is world-renowned for its excellence in the discipline of character animation, for its balance between teaching artistic and technological skills and also for the high level of professionalism its students leave with.

Successful alumni: Bibo Bergeron (A Monster in Paris), Pierre Coffin (Despicable Me 1& 2, Minions).

Irish School of Animation

Founded: 1989 Location: Ballyfermot College of Further Education

Dublin Ireland



Number of students: 1,440 overall; 160 in animation.

Relevant programs: Focus on animation drawing and character animation coupled with an emphasis on strong visual design. At degree level the students may undertake a project that might include other forms of animation and may also collaborate with game design students.

Degrees offered: One-year animation drawing studies foundation program at Level 5 on the Irish National Framework of Qualifications; two-year higher national diploma program at Level 6; two-year top up Bachelor of Arts degree in visual design, animation and game design program at level 8.

Successful alumni: Tomm Moore (director, Song of the Sea); Cathal Gaffney, (co-founder and CEO of Brown Bag Films); Seamus Maguire (writer and director at Nine Acres Films, former Aardman animator)

Pratt Institute

Founded: 1887 Location: Brooklyn, N.Y.

Number of students: About

4.700 overall: 220 in animation programs.

Relevant programs: 3D animation, 2D animation, stop-motion and experimental animation.

Degrees offered: Master of Fine Arts (two years); Bachelor of Fine Arts (four years).

Successful alumni: Brett Purmal, animator at ILM; Michael DiComo, digital production supervisor at ILM: Tim Cheung, who directed computeranimation efforts on Shrek.

Ringling College of Art and Design

Founded: 1931 Location: Sarasota Fla Number of



overall; 225 in animation programs.

Relevant programs: Focus on 3D character animation; also traditional animation, character and environment design, story, modeling, texturing, animation, lighting, rendering, compositing, and editing.

Degrees offered: Bachelor of Fine Arts in computer animation.

Successful alumni: Kevin Temmer. Blue Sky Studios; Michael Bidinger, Pixar, winner of award for Best Computer Animated Short by SIGGRAPH; Joon Soo Song, LAIKA and Blizzard Entertainment.

SAE Institute Cape Town

Founded: SAE in 1976, Cape Town campus in 2008



Location: Cape Town, South Africa (53 SAE Campuses in 27 countries)

Relevant programs: Animation, visual effects.

Degrees offered: Higher Certificate in Animation and VFX (one year).

School of Visual



York City Number of students: 4,000 overall; 270 in animation programs

Relevant programs: Focus on traditional animation, with an emphasis on drawing skills. Also teaches computer animation in a newly renovated studio and gives students an option to work in stop motion and experimental animation.

Degrees offered: BFA, MA, MAT, MFA, MPS.

Successful alumni: Alex Kupershmidt (animator, Aladdin, The Lion King, The Princess and the Frog), Tom Sito (animator, Beauty and the Beast, The Lion King, The Little Mermaid) and Rebecca Sugar (creator, Steven Universe; storyboard artist, Adventure

Sheridan College Founded: 1967 Sheridan Get Creative

Location: Oakville, Ontario, Canada

Number of students: 19,827 overall;

605 in animation programs Relevant programs: 2D and 3D animation, stop-motion animation, computer animation, visual effects.

Degrees offered: Four-year bachelor of animation program; one-year computer animation post-graduate program; onevear computer animation digital character post-graduate program; and one-year computer animation visual-effects postgraduate program.

Successful alumni: Chris Williams (Big Hero 6), Dean DeBlois (How to Train Your Dragon 2), Graham Annable (The Boxtrolls)

Swinburne University of Technology

Founded: 1908 (as Fastern Suburbs Technical College)



Location: Melbourne, Victoria, Australia Relevant programs: Animation, games, digital media.

Degrees offered: Bachelor of Arts in games and interactivity, Bachelor of Arts in digital media, Bachelor of Film and Television in animation (three years).

U-Tad University of Technology and Digital Art

Founded: 2011 Location: Madrid, Spain

Number of students: 695

overall, 438 in animation

Relevant programs: 2D and 3D animation, advanced acting for 3D animation, creature animation, facial animation, digital modeling, modeling and animation for visual effects, shading and digital lighting, previsualization, fluid simulation, matte painting, particle simulation techniques, advanced physics animation, use of graphic engines and application of VR techniques for videogames, advanced rigging, rendering, digital composition, digital production and pipelines.

Degrees offered: Bachelor's degrees in animation or visual design; post-graduate Master's courses in graphic computing and simulation or art and visual design for videogames; an expert program in character design; professional master in 3D character animation; professional master in 3D lighting and visual effects; master in motion graphics and interactive virtual environments for TV.

Successful alumni: Patricia Benedicto Martinez, art director for character design at Legion Entertainment: Nestor Quintana Pena, VFX producer and compositor at El Ranchito; Leire Foguez Carrascosa, software developer at Ilion Animation

Vancouver Institute of Media Arts

Founded: 1995 Location: Vancouver Number of students: Vanarts

About 200 overall; 80

in animation.

Relevant programs: Character Animation in 2D and 3D.

Degrees offered: Professional diplomas, with options for degree pathways available through partner universities.

Successful alumni: Ryan Hicks, animation director at Flectronic Arts: Rahul Dabholkar, animation supervisor at DreamWorks India; Hallis Blaney, animation supervisor at Atomic Cartoons.

Vancouver Film School

Founded: 1987 Location: Vancouver Number of students: 1,572 overall; 360 in animation.

WOODBURY

Relevant programs: 3D animation, visual

effects, modeling, classical animation and concept design.

Degrees offered: One-year intensive diploma.

Successful alumni: Lino DiSalvo. creative director, Paramount Animation; Claus Pedersen, animator, ILM; Andrew Lawson, animator, Walt Disney Animation Studios

Woodbury University

Founded: 1884 Location: Burbank, Los Angeles, San Diego.

Number of students: 1.781 overall, about 140

in animation. Relevant programs: Hand-drawn and digital 2D animation, 3D computer animation, stop-motion animation.

Degrees offered: Bachelor of Fine Arts in animation.

Successful alumni: Chris Sasaki, character designer at Pixar; Santino Lascano, background designer on Adventure Time; Ross Blocher, training manager at Walt Disney Animation Studios.





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2015

Agents To Watch

Brittany Balbo

Agency: United Talent Agency Focus: Voice actors



Highlights:

Balbo is well known for placing many A-list stars into major animation franchises, including: Alan Tudyk, Jack McBrayer, Joe Lo Truglio and Mindy Kaling into Wreck-It-Ralph; Tudyk into Frozen and Big Hero 6; Elizabeth Banks, Nick Offerman, Will Forte, Jake Johnson, Cobie Smulders and Keegan Micheal Key into The LEGO Movie; and in television, placing Chris Parnell, Spencer Grammer and Sarah Chalke into Rick and Morty.

Joel Begleiter

Agency: United Talent Agency Focus: TV literary and packaging

Highlights: Begleiter is known for representing top names in animation to help package series such as Bob's Burgers and Archer. Begleiter represents numerous creators and showrunners working in animation such as Adam Reed & Matt Thompson (Archer); Jackson Publick & Doc Hammer (The Venture Bros.); Dave Willis (Aqua Teen Hunger Force, Squidbillies, Your Pretty Face Is Going to Hell); Justin Roiland (Rick & Morty); Seth Green & Matt Senreich (Robot Chicken, Supermansion); Zeb Wells (Supermansion); Jim Dauterive (Bob's Burgers) and Alex Hirsch (Gravity Falls).

Kelly Calder

Agency: Natural Talent

Focus: Animation

talent

Highlights:

Calder is a co-owner at Natural Talent, one of the largest agencies representing creators, producers, directors, writers and animators. Calder began her career at Universal Television and worked her way up through the business affairs department, learning the ins-and-outs of the animation business before embarking on a career as an agent. She and partner Donna Felten launched Natural Talent in 1998.

Bob Coleman

Agency: Digital Artists Agency Focus: Visualeffects artists



Highlights: Coleman founded Digital Artists Agency in Los Angeles in 1998 to represent artists for work in feature, commercial and related fields. With a roster of visual-effects talent that includes Academy Award, VES Award and Emmy Award winners, DAA continues to be the pre-eminent belowthe-line agency, exclusively representing visual-effects artists for feature films, entertainment television and television commercials.

Tim Curtis

Agency: William Morris Endeavor **Focus:** Voice

actors



Lucy Fawcett

Agency: Sheil Land Associates **Focus:** Writers in

the U.K.

Highlights: Fawcett heads the film, TV and stage department at Sheil Land Associates, a boutique literary agency in London representing fiction and non-fiction authors and screenwriters. She represents authors' rights and also screenwriters working in all areas of scripted material. One of her areas of expertise is animation; including representation of The Brothers McLeod and animation creators such as Alan Gilbey and Dan Berlinka.

Donna Felton

Agency: Natural

Talent

Focus: Animation talent

Highlights: Felton

is the co-owner of Natural Talent, serving as CEO and as a licensed agent for the company. Felton began her career in the domestic distribution department at Lorimar. She eventually worked in the business affairs department at Universal Family Entertainment, where she developed her working relationship with Kelly Calder, her best friend since middle school. Felton and Calder founded Natural Talent in 1998.

Daisybelle Ferreira

Agency: Soho
Editors
Focus: Editors,

motion graphics and visual-effects artists, color graders, audio professionals and directors.

Highlights: Ferreira is talent director at Soho Editors, representing more than 250 of the best and brightest talent in post-production. She also assembled a team of motion graphics artists to deliver content related to the 2014 FIFA World Cup in Brazil as project manager of the event's interactive worldwide app.

Tina Horwitz

Agency:

Vanguarde Artists

Focus:

Showrunners, writers and directors in Canada

Highlights: Horowitz founded Vanguarde in 2002, and it has become a leader in representing Canada's most sought-after showrunners, screenwriters and directors. It represents such talent as the creators of *The*

League of Super Evil and the







tween series Dark Oracle, one of the co-EPs of King of the Hill, and writers of such shows as The Simpsons, Inspector Gadget and Paw Patrol.

Iulie Kane Ritsch

Agency: Gotham Group Focus: Gotham

represents

directors, writers, producers, illustrators and artists, as well as book and comics publishers and animation studios

Highlights: Since its founding in 1994, Gotham Group has represented animation writers, directors and artists in landing deals for award-winning features like The Boxtrolls and The Book of Life, and television programs like The Fairly Odd Parents and Star Vs. The Forces of Evil.

Sid Kaufman

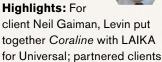
Agency: N.S. Bienstock, a division of United Talent Agency



Highlights: A 35-year veteran of the licensing and animation industries, Kaufman provides licensing services to a host of characters, celebrities, brands and estates. He has experience in multiple business aspects, having previously been president of merchandising at Universal Studios; operated his own agency, Total Licensing Services: and worked for Nelvana on its brands and MGA on Bratz.

Jon Levin

Agency: Creative **Artists Agency** Focus: Motion picture literary



Simon Cowell and Animal Logic to produce the first feature-film starring Betty Boop for Sony; and is in the process of bringing The Breadwinner to the big screen as Cartoon Saloon's next animated feature.

Cynthia McLean

Agency: SBV **Talent**

Focus: Voice actors

Highlights: A

veteran of more than 30 years in the agency business and a specialist in animation since 2000, McLean has placed clients on such shows as Archer, Family Guy, The Simpsons, SpongeBob SquarePants, Star Wars Rebels, Phineas & Ferb, Adventure Time, Ben 10, Regular Show, Uncle Grandpa, Turbo FAST and The Adventures of Puss in Boots.

Bryce Mitchell

Agency: Meridian

Artists

Focus: Animation

talent in Canada

Highlights:

Mitchell has become the go-to agent for animation talent in Canada, well known by all of the production companies, studios and networks and representing the best of the nation's talent.

Jim Nicolay

Agency: Creative **Artists Agency** Focus: Voice-over

actors

Highlights:

Formed the voice-over department at CAA in 2004, has secured lead voice roles for clients in such hit animated feature film franchises as Frozen, How to Train Your Dragon, The LEGO Movie, Wreck-It Ralph, Rio, The Croods, Monsters University, Cars, Hotel Transylvania and The Smurfs.

Elinor Stanton

Agency: VoiceBank

Focus: Voice

talent

Highlights:

VoiceBank represents a team of animation specialists whose voices can bring any character to life. Talent includes Marc Silk. Janet James, Tom Clarke Hill and Melissa Sinden, and the agency has landed actors roles on such projects as Postman Pat, Thomas and Friends, Bob the Builder, Fifi & the Flowertots, Dirt Girl, Tickety Toc, Get Squiggling, Muddle Earth and Strange Hill High, as well as in commercials and games.

Wes Stevens

Agency: VOX Focus: Voice

actors

Highlights: VOX

is a 13-year-old

talent agency representing scale and celebrity voice-over actors that has worked on nearly every television animated series and many features, including: Up, A Bug's Life, Futurama, American Dad, Adventure Time, Duck Dodgers, Teen Titans, Star Wars Rebels and Miles from Tomorrowland. The agency also works with animation directors and creators to develop their slates in features and television. Notable clients include Ed Asner, J.K. Simmons, John DiMaggio, George Takei, David Hyde Pierce, Craig T. Nelson, Yvette Nicole Brown, Tania Gunadi, Diedrich Bader and Joe Alaskey.

Amy Stulberg

Agency:

Vanguarde Artists

Focus: Family entertainment

Highlights:

Stulberg became an agent at Vanguade in 2007, and since has championed family entertainment at the company. Vanguarde was founded by Tina Horwitz in 2002 and has become a leader in representing Canada's most sought after showrunners, screenwriters and directors

Annette van Duren

Agency: Annette van Duren Agency

Focus: Writers,

producers, story

editors, executives and artists Highlights: Van Duren is a veteran agent whose clients include Elise Allen, Ann Austen, Chuck Austen, John Derevlany, Robert Hughes, Edward Kay, Craig Miller, Charles-Henri Moarbes, Celeste Moreno, Martin Olson, Mark Palmer, Angela Salt/Stu Harrison - FUN CREW, Dave Skwarczek and

Carolynne Wyper

Agency: SMA Talent

Rob Tinkler.

Highlights:

The U.K.-based

SMA has represented the top composers for animation and visual-effects projects including Ex Machina, Planet 51, Time Bandits, Rarg, Tales of Friendship for Disney; Noddy in Toyland; An Ode to Love; Apollo; The Rain Collector and Schrödinger's Cat.







- 2015 ———

TV Shows

Destined To Be Classics

Adventure Time

Created by: Pendleton Ward Premiere date: April 5 2010 Network:

Cartoon Network Production



Frederator Studios, Cartoon Network Studios

No. of episodes: 193 to date. Type of animation: 2D

Why it's a classic: No cartoon of the past five years has captured the imaginations - and funny bones - of kids and adults as completely and originally as Adventure

All Hail King Julien

produced by: Bret Haaland and Mitch Watson

Premiere date: Dec. 19, 2014

Network: Netflix

Production

company: DreamWorks Animation Television

No. of episodes: 10 to date Type of animation: CGI

Why it's a classic: Fast paced, fun and funny, Julien hits all the right creative notes with feature-quality looks.

The Amazing World of Gumball

Created by: Ben Bocquelet Premiere date: May 3, 2011 Network:

Cartoon Network

Production company:

Cartoon Network Development Studio Europe

No. of episodes: 112

Type of animation: 2D, puppetry, CGI and more. Why it's a classic: Coming out of CN's effort to develop more shows outside the U.S., this series finds a universally appealing tone in its ever-changing animation styles, family themes and plenty of laughs for viewers old and young.

Angry Birds Toons

Created by:

Mikael Hed, Lauri Konttori. Mikko Polia

Premiere date: March 16, 2013 Network:

ToonsTV Production

company: Rovio

Entertainment, Toon City, Atomic Cartoons

No. of episodes: 78 Type of animation: 2D

Why it's a classic: A classic example of a show that plays to its strengths - Angry Birds Toons retains the simple pleasures of the game it's based on without overstaying its welcome.



BoJack Horseman

Created by: Raphael Bob-Waksberg

Premiere date: Aug. 22, 2014 Network: Netflix

Production company: The Tornante Co..

Shadowmachine Films No. of episodes: 11 Type of animation: 2D

Why it's a classic: This original Netflix series offers a biting indictment of the current culture's obsession with celebrity, gossip and hero worship in the digital age using, of course, talented celebrity voices.

Attack on Titan

Created by:

Hajime Isayama Premiere date: April 6, 2013 Network:

SBS 2 Production company:

Wit Studio Production I.G.

No. of episodes: 30 Type of animation: 2D

Why it's a classic: A dark world, appealing characters and amazing design have combined to make this a seminal breakout hit in markets far beyond its Japanese

Calimero

Created by:

Nino Pagot. Toni Pagot and Ignazio Colnaghi Premiere date:

Oct. 7, 2014 Network: TF1 Production company:

Gaumont Animation No. of episodes: 104 Type of animation: CGI

Why it's a classic: This Japanese classic graduated to a new level thanks to the efforts of French producer Gaumont Animation, which has updated and broadened the show without losing any of its basic appeal.

Bob's Burgers

Created

bv: Lauren Bouchard Premiere date: Jan. 9. 2011

Network: Fox Production company: Wilo

Productions. Buck & Millie

Productions, Bento Box Entertainment, 20th Century Fox Television

No. of episodes: 88 Type of animation: 2D

Why it's a classic: Bob's Burgers has elements of realism and pessimism that, in equal numbers, make it extremely funny and completely different from its Fox network colleagues.

Doc McStuffins

Created by:

Chris Nee Premiere date:

March 17, 2012 Network:

Disney Junior Production company:

Brown Bag Films, Avamar

No. of episodes: 78 Type of animation: CGI

Why it's a classic: Another game changer, this time proving the message that skin color is no barrier to kids achieving their dreams, which is also a success in ratings and in merchandising.







Gravity Falls

Created by: Alex Hirsch Premiere date: June 15, 2012 Network: Disney Channel, Disney XD Production company: Disney Television

Animation

Type of animation: 2D

Why it's a classic: Gravity Falls fans are among the most passionate - and patient

growing and compelling mythology.



Masha and the Bear

Created by: Oleg Kuzovkov Premiere date: Jan. 7, 2009 Network: Russia and Carousel

Production company: Animaccord Studios

No. of episodes: 48 to date Type of animation: CGI

Why it's a classic: Sharp storytelling that transcends language barriers and beautiful animation have made this a global hit sure to

be much imitated.



Mike Tyson Mysteries

Developed by: Hugh Davidson Premiere date: Oct. 27, 2014 Network: Adult Swim

Production company: Warner Bros.

Animation, Williams Street No. of episodes: 10 Type of animation: 2D

Why it's a classic: It's an homage to animation of the past and yet completely modern; absurdly silly yet very smart; and the

real-life exploits of Mike Tyson somehow make it all completely believable at the same

time.



My Little Pony: Friendship Is Magic

Created by: Lauren Faust Premiere date: Oct. 10, 2010 Network: The Hub, Discovery Family Production company: Studio B Productions,

DHX Media, Hasbro Studios No. of episodes: 99 to date Type of animation: 2D

Why it's a classic: Honesty and good storytelling are the keys to this show's huge

success, making it so much more than a toy tie-in and worthy of the affection its fans -

even the bronies - lavish upon it.

Peq + Cat

Created by: Jennifer Oxley and Billy Aronson

Premiere date: Oct. 7, 2013 Network: PBS Kids

Production company: Feline Features, The Fred Rogers Co., 9 Story Entertainment, 9 ate

7 Productions No. of episodes: 34 Type of animation: 2D

Why it's a classic: In addition to its charming

visuals, Peg + Cat successfully sets out to disprove the idea that girls can't be good at math with an entertaining flair that makes learning as fun as it can be









Phineas and Ferb

Created by:

Dan Povenmire and Jeff "Swampy" Marsh

Premiere date: Aug. 17, 2007

Network: Disney Channel,

Disney XD

Production company: Disney Television Animation

No. of episodes: 222 Type of animation: 2D

Why it's a classic: Was there ever a more fun use of "104 days of summer" than to spend it with as positive a pair as this? We think not.

Regular Show

Created by: LG Quintel Premiere date:

Sept. 6, 2010 Network: Cartoon

Network Production company:

Cartoon Network Studios No. of episodes: 187 to date Type of animation: 2D

Why it's a classic: Slacking off achieves a new level of artistry with Mordecai and Rigby and their goofy friends, giving a modern definition for offbeat animated series.

Rick and Morty

Created by: Justin Roiland and Dan

Harmon Premiere date:

Dec. 2, 2013 Network: Adult

Swim Production

company: Justin Roiland's Solo Vanity Card Productions, Harmonious Claptrap, Starburns Industries, Rick and Morty LLC.

No. of episodes: 11 to date. Type of animation: 2D

Why it's a classic: Some folks find the voice of Rick off-putting, but there's certainly no character like him on TV in any medium - and he's perfectly complemented by the over-anxious Morty and the just plain fun weirdness of the plots.

Sarah and Duck

Created by:

Sarah Gomes Harris and Tim O'Sullivan

Premiere date: Feb. 18 2013

Network: **CBeebies**

Production company:

Karrot Entertainment

No. of episodes: 80 to date Type of animation: 2D

Why it's a classic: Nominally aimed at preschoolers, this British series' many charms has earned it fans both voung and old.

Sid the Science Kid

Created by: The Jim Henson

Co. Premiere date:

Sept. 1, 2008 Network: PBS

Kids Production

company: The Jim Henson Co.

No. of episodes: 68 Type of animation: CGI

Why it's a classic: Sid is like a kids' version of Carl Sagan - fun and educational - earning the show an audience that has veered into territory like live shows in

leading the way for modern edutainment.



Premiere date: May 18, 2012

Network: Disney XD Production company: Sean

Bailey Productions, Disney Television Animation

No. of episodes: 19 Type of animation: CGI

Tumble Leaf

Why it's a classic: This was the Tron follow-up fans wanted - fast-paced, visually striking and innovatively

produced.

Created by:

Drew Hodges

and Kelli Bixler

May 23, 2014

Network:

Amazon

Premiere date:

Star vs. The Forces of Evil

Created by: Daron Nefcy

Premiere date: Jan. 18, 2015

Network: Disney XD

Production company: Disney

Television Animation

young at heart - full of all the mischief, insanity and



Streaming Video Production company: Amazon Studios

No. of episodes: 26 to date Type of animation: CGI

Why it's a classic: Not only is Tumble Leaf leading the charge for Amazon into the kids entertainment space, it's doing so with style and quality - as indicated by its five Daytime Creative Arts Emmys victories in 2015.



No. of episodes: 10 to date Type of animation: 2D

Why it's a classic: Star's adventures on earth are truly sweetness of cartoon doodles made on the margins of a middle school textbook.

Steins; Gate

Directed by: Hiroshi Hamasaki and Takuya Sato Premiere date:

April 6, 2011 Production

company: White Fox

No. of episodes: 25 Type of animation: 2D

Why it's a classic: Time travel is a popular idea that's almost never as convincingly executed as it is in this super-tight, mind-boggling, clever and beautifully animated anime.

Steven Universe

Created by:

Rebecca Sugar Premiere date:

July 27, 2013 Network: Cartoon

Network Production company:

Cartoon



Network Studios, Sunmin Animation, Rough Draft

No. of episodes: 57 to date Type of animation: 2D

Why it's a classic: It's funky childhood nostalgia mixed with some cosmic flash on the surface, but it's powered by real heart.

Young Justice Created by:

Brandon Vietti.

Greg Weisman Premiere date: Nov. 26, 2010

Network: Cartoon Network

Production company:



Warner Bros. Animation, DC Entertainment

No. of episodes: 46 Type of animation: 2D

Why it's a classic: This superhero series had a rare depth and breadth to its storytelling and character development, and its cancelation after two seasons still stings for many fans.





For more information, please contact:

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Animated B.O. Champs

Of All Time

Frozen

Studio: Walt Disney Animation **Studios**



Directed

by: Christopher Buck and Jennifer Lee

Release date: Nov. 22, 2013 Domestic gross: \$401 million Foreign gross: \$873 million Worldwide total: \$1.3 billion

Toy Story 3

Studio: Pixar An-

imation Studios



Directed by: Lee Unkrich

Release date: June 18,

Domestic gross: \$415 million Foreign gross: \$648 million Worldwide total: \$1.1 billion

The Lion King

Studio:

Walt Disney Animation Studios



Directed by: Roger Allers and Rob Minkoff

Release date: June 15, 1994 Domestic gross: \$423 million Foreign gross: \$565 million Worldwide total: \$987 million

Despicable Me 2

Studio:

Illumination Entertainment



Direct-

ed by: Pierre Coffin and Chris

Renaud

Release date: July 3, 2013 Domestic gross: \$368 million Foreign gross: \$603 million Worldwide total: \$971 million

Finding Nemo

Studio:

Pixar Animation Studios Directed



by: Andrew Stanton and Lee

Unkrich

Release date: May 30, 2003 Domestic gross: \$381 million Foreign gross: \$556 million Worldwide total: \$937 million

Shrek 2

Studio: Dream-

Works Animation



Directed by: Andrew Adamson, Kelly Asbury and Conrad Vernon Release date: May 19, 2004 Domestic gross: \$441 million Foreign gross: \$479 million Worldwide total: \$920 million

Ice Age: Dawn of the **Dinosaurs**

Studio: Blue Sky Studios

Directed by: Car-



los Saldanha

Release date: July 1, 2009 Domestic gross: \$197 million Foreign gross: \$690 million Worldwide total: \$887 million

Ice Age: Continental Drift

Studio: Blue Sky Studios

Directed by: Steve



Michael Thurmeier

Release date: July 13, 2012 Domestic gross: \$161 million Foreign gross: \$716 million Worldwide total: \$877 million

Shrek the Third

Studio:

Dream-Works Animation



Directed by: Chris Miller

Release date: May 18, 2007 Domestic gross: \$323 million Foreign gross: \$476 million Worldwide total: \$799 million

Shrek Forever After

Studio: Dream-

Works Animation



Directed by: Mike Mitchell Release date: May 21, 2010 Domestic gross: \$239 million Foreign gross: \$514 million Worldwide total: \$753 million

Madagascar 3: Europe's Most Wanted

Studio:

Dream-Works Animation



Directed by: Eric Darnell, Tom McGrath and Conrad Vernon

Release date: June 8, 2012 Domestic gross: \$216 million Foreign gross: \$531 million Worldwide total: \$747 million

Monsters University

Studio: Pixar An-

imation Studios Directed



bv: Dan Scanlon

Release date: June 21, 2013 Domestic gross: \$268 million Foreign gross: \$475 million Worldwide total: \$744 million

Up

Studio:

Pixar Animation Studios



by: Pete Docter and Bob Pe-

Release date: May 29, 2009 Domestic gross: \$293 million Foreign gross: \$438 million Worldwide total: \$731 millions

Kung Fu Panda 2

Studio: Dream-

Works Animation



Directed by: Jennifer Yuh Nel-

Release date: May 26, 2011 Domestic gross: \$165 million Foreign gross: \$500 million Worldwide total: \$667 million





=animation = videogames = comic =

screenings + workshops + market + expo

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Ice Age: The Meltdown

Studio: Blue Sky **Studios Direct-**



ed by: Carlos Saldanha

Release date: March 31, 2006 Domestic gross: \$195 million Foreign gross: \$466 million Worldwide total: \$661 million

Big Hero 6

Studio: Walt Disney Animation Studios



Directed by: Don Hall and Chris Williams

Release date: Nov. 7, 2014 Domestic gross: \$223 million Foreign gross: \$430 million Worldwide total: \$562 million

Kung Fu Panda

Studio: Dream-Works Animation



Directed

by: Jonathan Aibel and Glen Berger

Release date: June 6, 2008 Domestic gross: \$215 million Foreign gross: \$416 million Worldwide total: \$632 million

The Incredibles

Studio: Pixar Animation **Studios**



Directed by: Brad Bird

Release date: Nov. 5, 2004 Domestic gross: \$261 million Foreign gross: \$370 million Worldwide total: \$631 million

Ratatouille

Studio: Plxar Animation Studios **Directed**



by: Brad Bird

Release date: June 29, 2007 Domestic gross: \$206 million Foreign gross: \$417 million Worldwide total: \$623 million

How to Train Your Dragon 2

Studio: Dream-Works Animation



Direct-

ed by: Dean DeBlois

Release date: June 13, 2014 Domestic gross: \$177 million Foreign gross: \$442 million Worldwide total: \$619 million

Madagascar: Escape 2 Africa

Studio: Dream-Works Animation



Direct-

ed by: Eric Darnell and Tom

McGrath

Release date: Nov. 7, 2008 Domestic gross: \$180 million Foreign gross: \$424 million Worldwide total: \$604 million

Tanaled

Studio: Walt Disney Animation **Studios**



Directed by: Nathan Greno and Byron Howard

Release date: Nov. 24, 2010 Domestic gross: \$201 million Foreign gross: \$391 million Worldwide total: \$592 million

The Croods

Studio: Dream-Works Animation



Directed

by: Kirk De Micco and Chris

Sanders

Release date: March 22, 2013 Domestic gross: \$187 million Foreign gross: \$400 million Worldwide total: \$587 million

Monsters, Inc.

Studio: Plxar Animation Studios **Directed**



by: Pete Docter, David Silverman and Lee Unkrich Release date: Nov. 2, 2001 Domestic gross: \$290 million Foreign gross: \$273 million

Worldwide total: \$563 million

Cars 2

Studio: Pixar Animation **Studios** Directed



by: John

Lasseter and Brad Lewis Release date: June 24, 2011 Domestic gross: \$191 million Foreign gross: \$368 million Worldwide total: \$560 million

Puss in Boots

Studio: Dream-Works Animation



Miller

Release date: Oct. 28, 2011 Domestic gross: \$149 million Foreign gross: \$406 million Worldwide total: \$555 million

Despicable Me

Studio: Illumination Entertainment



Directed by: Pierre Coffin and

Chris Renaud

Release date: July 9, 2010 Domestic gross: \$252 million Foreign gross: \$292 million Worldwide total: \$543 million

Brave

Studio: Pixar Animation Studios **Direct-**



ed by: Mark Andrews and Brenda Chapman

Release date: June 22, 2012 Domestic gross: \$237 million Foreign gross: \$302 million Worldwide total: \$539 million

Madagascar

Studio: Dream-Works Animation



Directed by: Eric Darnell and

Tom McGrath

Release date: May 27, 2005 Domestic gross: \$194 million Foreign gross: \$339 million Worldwide total: \$533 million

The Simpsons Movie

Studio: Film Roman, Rough Draft,

AKOM,



Gracie Films

Directed by: David Silverman Release date: July 27, 2007 Domestic gross: \$183 million Foreign gross: \$344 million Worldwide total: \$527 million

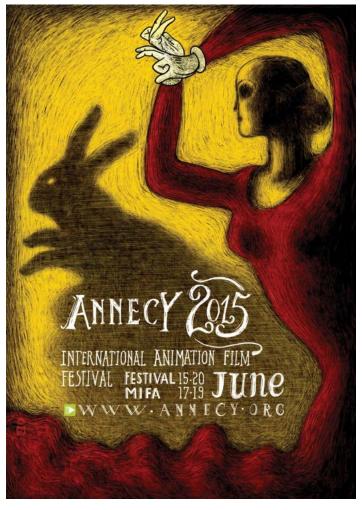
Source: BoxOfficeMojo.com











Annecy 2015

Toasting women in animation, Spanish flair and MIFA's 30th anniversary.

his month, more than 7,000 creatives, professionals and other luminaries of the global animation industry will once again convene on a romantic lakeside spot in the Rhone-Alpes for the 2015 **Annecy International Animation Film Festival**. Running June

15-20, the renowned event will offer up an expertly curated selection of animated shorts, features, exhibitions and opportunities to mingle as it celebrates its return to the renovated Bonlieu after two years. Here is a taste of what will be on offer as the festival organizers finalize their plans:

"First of all, the poster is paying tribute to animation: the hands, wearing old gloves from the days of the first cartoons, are making shadow puppets, one of

the first shapes ever projected and as old as mankind itself. This rabbit shadow puppet is my tribute to the Annecy Festival public. After 20 years of regular visits to the festival, I've heard this unique and very enthusiastic chant from the public of 'Le lapin ... Le lapin!" many times. The hands that are making the shadow puppets are a woman's. She is the main element of the poster because Annecy 2015 is dedicated to women. This woman, dressed



in red against a yellow background, is a flamenco dancer ... because this year's guest country is my neighbor, Spain."

 Portuguese animator Regina Pessoa (Tragic Story with Happy Ending) on her "Curves and Shadow" design for this year's official festival poster.



Vive les 'Animateuses'

The Annecy organizers have taken a step to atone for the animation "boys' club" and its history of marginalizing women by boldly dedicating this year's edition to the heroines of the medium. Receiving this year's Honorary Cristal is Florence Miailhe (First Sunday in August, Conte de quartier), whose particular "film painting" style and poetic storytelling have earned her awards and acclaim for more than 20 years.

This is also the first year the festival has an exclusively female jury: Director Marge Dean, producer Valerie Schermann and film critic Guillemette Odicino (features); director Isabel Herguera, producer Bonnie Arnold and director Niki Lindroth von Bahr (shorts); president/CEO of the Society for the Development of Cultural Enterprises Monique Simard, CinemaChile executive director Constanza Arena and Tricky Women Festival CEO Waltraud Grausgruber (TV/commissioned); and filmmaker/educator Stacey Steers, festival curator Marina Kozul and Zorobabel co-founder Delphine Renard (graduate/off-limits) perform the 2015 honors.





Bon Anniversaire, MIFA!

How time flies - this year's three-day International Animation Film Market (June 17-19) marks 30 years of what toon biz types the world over know as MIFA. By the numbers, this year will see 2,450 accredited attendees, 334 buyers and distributors and 513 exhibitors representing 73 different countries - not to mention the 230 pitch projects submitted, a small fraction of the thousands of titles that will be mulled over by decision makers from across the globe during the event.

In addition to the focus on guest country Spain, MIFA will present Territory Focus programs on Mexico, Vanœuver's animated history and France-Quebec partnership opportunities. The Studio Focus sessions boast big studio names, with **Disney** presenting on "The Art of Character Development," Cartoon Network showcasing its in-house shorts program, Nickelodeon's spotlight on its Global Animated Shorts Program and more.



The Big Picture

There are simply too many exciting short-format projects to sum up in these pages - but we can try to tackle the expanding features line-up. Salma Hayek's collaborative labor of love The Prophet will open the festival.

In competition are Adama by Simon Rouby (France), Avril et le Monde Truque by Franck Ekinci & Christian Desmares (France/Canada/Belgium),





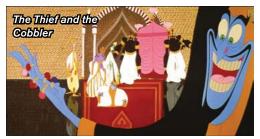
Mune by Alexandre Heboyan & Benoit Philippon (France), Pos eso by Sam Orti (Spain), Sabogal by Juan Jose Lozano & Sergio Mejia Forero (Colombia), Sarusuberi: Miss Hokusai by Keiichi Hara (Japan), The Case of Hana & Alice by Shunji Iwai (Japan) and Tout en haut du monde by Remi Chaye (Denmark/France).

Disney-Pixar will encore its Cannes premiere of Inside Out, as well as offering a sneak peek at Zootopia and

footage from The Good Dinosaur. More eclectic screenings include Ghost in the Shell: The Movie from Kazuchika Kise and Kazuya Nomura, animated documentary Magic Mountain, the resurrection of Richard Williams' The Thief and the Cobbler, a preview of Folimage's Phantom Boy and the first act of Ankama's debut feature Dofus - Book 1: Julith.





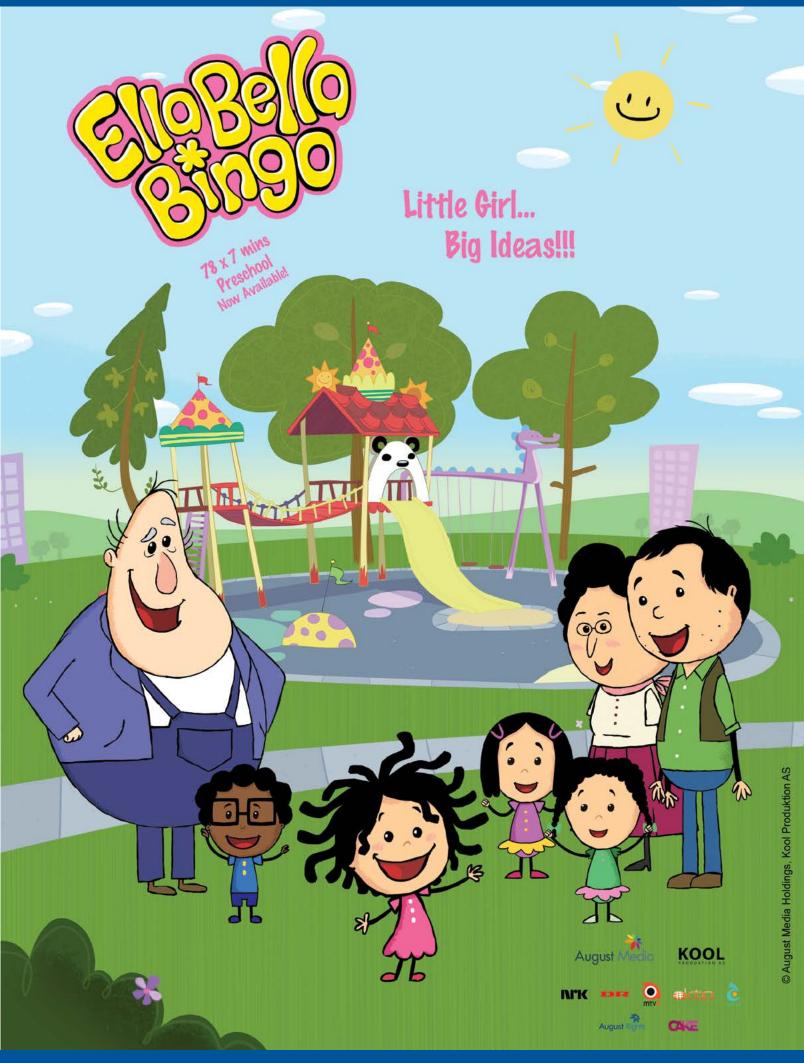


With more than 200 films across its official selection categories - not to mention out-of-competition screenings attendees will get a small taste of how hard it was to narrow down the 2,000-plus submissions. Special programming this year will highlight the work of women animators, as well as student films from Gobelins paying tribute to some of the genre's most important female figures. This edition also sees the return of a "guest country," and the festival will pay tribute to work from Spain with eight programs, a DVD book and more. Of course, you have to experience the summer ambience of a viewing at one of the four outdoor screens!



Sangre de Unicornio. Alberto Vazquez (Spain)







E3 2015: Experience the Evolution

The Entertainment Software Association returns to the Los Angeles Convention Center June 16-18 with the world's premier console, computer and mobile gaming exposition. Visit e3expo.com for more information.



Watch List

Expect key announcements from the major players at the year's most hotly anticipated gaming press conferences before the show floor opens.

Sunday June 14:

Bethesda 6:30 p.m.

Monday June 15:

Microsoft 9:30 a.m. Electronic Arts 1 p.m. **Ubisoft** 3 p.m. Sony 6 p.m.

Tuesday June 16:

Nintendo 9 a.m. Square Enix 10 a.m. PC Gaming Show 5 p.m.

Hit List

Don't get lost in the noise, plot your course to these exhibitors with animation

BANDAI NAMCO MR 301A-303B Capcom USA 2423

Disney Interactive 2023 Konami Digital Ent. 2401 Machinima, Inc. OFMR 4000

Mattel MR 516

5244, 5644

Nintendo of America 4822.

NVIDIA MR 309, 2823

SEGA Games USA 5234

Sony Computer Ent. America

MR 504, 506, 507; 4044, 4144, 4522

Warner Bros. Interactive Ent.

Fresh Meat

International publisher and developer Bethesda is holding a dedicated showcase for the first time. The acclaimed studio - part of the ZeniMax Media family - is based in Rockville, Md. Some of its best known titles include blockbuster franchises such as Quake, The Elder Scrolls, Fallout, Wolfenstein and Rage. The highlight of Bethesda's press event will be the world premiere gameplay reveal of its upcoming reboot of classic first-person shooter **Doom**.



Focus on PC Games

Chipmaker AMD and PC Gamer magazine are putting on E3's first-ever PC Gaming Show this year. The event is being hosted by eSports' Sean Plott and will feature talks by DayZ creator Dean Hall and Gears of War designer Cliff Bieszinski as well as participating developers ArenaNet (Guild Wars), Blizzard Entertainment, Bohemia Interactive, CCP Games (Eve Online), Cloud Imperium Games, Creative Assembly (Total War), Devolver Digital, Frictional Games (SOMA), Frontier Developments (Zoo Tycoon), Fullbright (Gone Home), Humble Bundle, Nexon (Maple Story), Obsidian, Paradox Interactive, Pixel Titans (Strafe), SCS Software (Euro Truck Simulator), Splash Damage (Dirty Bomb), Square Enix and Tripwire Interactive.

To Infinity, and Beyond!

Be sure to check out the latest from **Disney Interactive**, which has fun upcoming sets for the **Disney**

Infinity 3.0 platform. Topping the list are the Star Wars: Twilight of the Republic and Rise of the Empire sets as well as the playset for Pixar's summer flick Inside Out. Out this fall, Twilight of the Republic is the first of a planned trio of Star Wars titles for Infinity, and takes advantage of the more responsive 3.0 edition with slick lightsaber-wielding action. The game world is co-developed by Ninja Theory and Avalanche Software, and the playset will ship with



Anakin Skywalker and Ahsoka Tano figures, with Yoda, Darth Maul and Obi-Wan available separately.

Take It to the Max

If reliving your favorite visual-effects-fueled blockbuster is more your style, Warner Bros. Interactive has you covered with the new Mad Max game, based on George Miller's Fury Road sequel and due out Sept. 1. Developed by Avalanche Studios, Mad Max is an open-world driving game that combines vehicular mayhem with melee-style fighting. Single players inhabit Max himself in a personally customized ride which you can upgrade as you stumble upon - or liberate from your



enemies - new gear. Smacking down regional bosses opens up new quests in their territories, and finding new ways to make things go "boom" offers plenty of entertainment value.





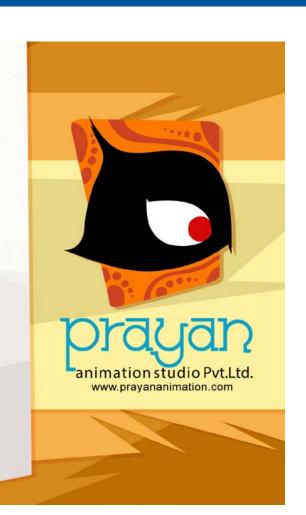
When it comes to providing high-end visual effects, animation, digital designs and post-production services, this is what we exactly possess. With a team of daring, uber-cool professionals who could deliver work with quality and speed, we have proved to clients here in India and abroad that our country can be the best outsourcing platform for design and animation works.

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Growth Spurt

Celebrating its 10th anniversary, Cyber Group Studios has more than a dozen toons in production or development — and has landed shows in the U.S. By Tom McLean.

nniversaries are always fun to celebrate, but as Cyber Group Studios is finding out, it's much more fun to do so when your anniversary year is your most successful to date.

In the past year, the Paris-based studio – celebrating its 10th anniversary in 2015 – has seen tremendous growth in international sales and digital. Cyber Group Studios CEO Pierre Sissmann says the studio has expanded its sales all over the world and now boasts around 150 clients worldwide. Its digital business has been growing rapidly based on the strength of the

catalog of about a thousand half-hours of programming.

And, perhaps most satisfying, the studio's shows have sold to America, with the preschool series *Zou* airing in the United States on Sprout as well as on Hulu and PlayKids TV, while *Mademoiselle Zazie* and *Ozie Boo* are streaming on Splash Entertainment's free VOD platform Kabillion.

"For us it was a big move as a French producer to get into North America," says Sissmann.

Building on his experience in marketing at Sony Music and with Disney helping, among other things, found and run Disney Channel France, Sissmann started Cyber Group Studios 10 years ago with five people working in three rooms. Now the company has more than 200 employees and occupies its own building in Paris

The company made a big bet about three years ago by expanding its presence in the preschool space, where it first found success, as well as expanding into shows for older children, in the 4-6 and 6-12 demographics.

Now the studio has at least 15 shows either in production or in development – and more





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that it's handling distribution on.

Arguably the studio's flagship program is Zou, about a young zebra and his family, based on the children's books by Michel Gay. The 52 x 10 min. first season was followed up with a second, which began airing just a few months ago and is being prepped for international broadcasts later this summer. A third season has already been requested, with writing set to begin over the summer, Sissmann says.

Also in production is the preschool series *Mia*, which has done well in France and has sold into more than 20 countries; and *Ozie Boo*, the studio's first production, which still sells well.

Aging Up

But it's the older kids demographic where Cyber Group has made its biggest moves.

The studio's biggest project for ages 6-12 is *Zorro: The Chronicles*, which will start being delivered this summer to original commissioners France Televisions and RAI. Sissmann says they started showing finished episodes to international buyers at MIP TV and already have 10 deals for the show.

There is an offer out in the United States for the show, which will have a big launch at MIP Junior in October, complete with a press conference, screening and a party.

Sissmann says he's very proud of the series, which was produced to look like a feature film (on a TV budget) and features more than 100 distinct characters in its first 22-minute

episode. The production also did extensive research to recreate 1820 California, including rebuilding Los Angeles of the era starting with a 1780 map of the nascent city. And that was just the start.

"It was a massive geographic effort," he says. "We worked with Google Maps and we totally modelized the coast of California from Monterey to Los Angeles."

Also in the 6-12 demo, Cyber Group is producing with TF1 Productions a series called *Mini Ninjas*, based on the Square Enix video game, that just began airing; and *Mirette Investigates*, for TF1 and WDR in Germany, a traveling detective comedy starring a 10-year-old sleuth.

For *Mirette*, Cyber Group is working on interactivity, partnering with KD Interactive, makers of the Kurio brand of tablets and phones for kids. That technology that will be presented at Cartoon 360 in Barcelona as an app that allows kids to receive clues and help solve the show's mysteries as they watch.

The Upcoming Slate

On the development side, Cyber Group is working on the third season of *Zou;* a series with France Televisions called *Pirates Next Door,* based on the books by Jonny Duddle; and a series called *Gilbert and Allie* with Ireland's Brown Bag Films. Both are expected to begin production this year. Another series, a musical show, is in development.

Other shows in development include *Boubouh*, for ages 4-6, and *Enchanted Sisters*, for girls 6-8, both with The Jim Henson Co.; preschool series *Gigantosaurus*, also based on a Duddle book and set to be presented at Cartoon Forum; and a CGI version of *Tom Sawyer* that, like *Zorro*, will have a big story and mix 2D and 3D animation.

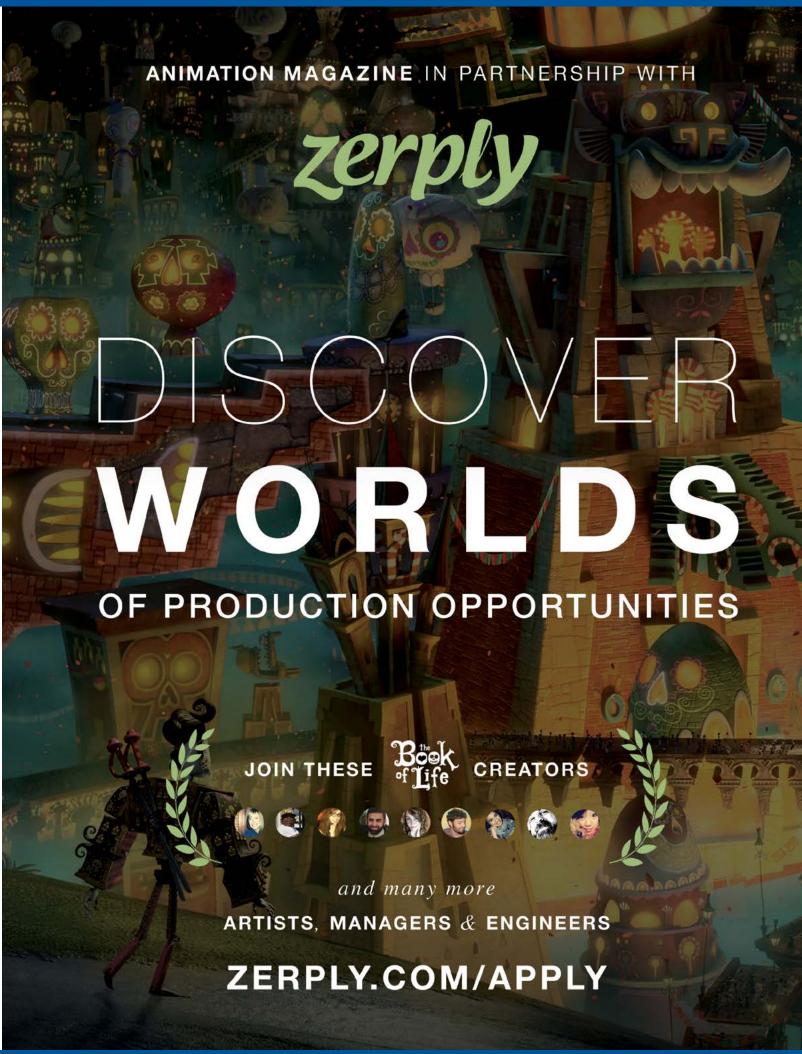
Cyber Group also is distributing a couple of shows: *G-Fighters*, an action series for boys 6-12; and *The Long, Long Holiday*, a series from Les Armateurs of *The Triplets of Belleville* and *Ernest and Celestine* fame about World War II from children's point of view.

The company's double-digit growth in the digital space has been a rewarding payoff for the investments the company has made along the way into its programs, says Sissmann. "It fuels the rest of the company by bringing us additional revenues, but it also validates our strategy, which was to produce series that will live for renewal, which is why – except for one small series, which is the first series we did – everything from 2006 on was produced in HD and we're now producing in 4K."

Sissmann credits the company's growth to a number of factors, including building from within, investing in the quality of the shows and learning from mistakes.

"The philosophy of the company is to try to go further with the best people, the best partners and to be learning all the time," he says. "I like opening new doors. I like challenging our team. I like challenging myself."







Toon Travels

Spring means one thing for animation business pros — trips to conferences in such exotic locales as Cannes, Venice and Stuttgart. By Tom McLean.

Racking up those frequent-flier miles is almost a rite of passage each spring, as animation executives, distributors, and creatives flock to essential business events.

If you couldn't make it - we missed you! - here's an update on what generally went down at MIP TV, Cartoons on the Bay and FMX.

MIP TV

ore than 11,000 delegates from more than 100 countries – including 4,000 buyers – assembled April 13-16 in Cannes, France, for the international television market known as MIP TV.

Packing the Palais des Festivals from top to bottom – and spilling out along the beachfront hotels along the Croisette – MIP TV was nonetheless described by many veterans as slow compared to previous years.

While the meetings flew fast and furious, most of the major deals were announced in advance. Among them:

- ♦ Paris-based animation producer Millimages secured presales for its non-dialog short format series *Molang* (104 x 3'30") with Tele Quebec (Canada), Disney (Latin America), SVT (Sweden), MTV Oy (Finland) and NRK (Norway). The first 52-episode season will be completed by November, with the second due summer 2016.
- ♦ Mondo TV Suisse reached an agreement for the co-production and distribution of the fourth season of the animated TV series based on the successful toy characters *YooHoo and Friends*, owned by Aurora. The series will be composed of 52 episodes about 11 minutes each, in 3D CGI.
- ♦ The French group AB acquired the TV and DVD rights to Toei Animation's Saint Seiya: Soul of Gold, the newest chapter in Toei's internationally successful Saint Seiya franchise. The channel will simulcast the original version subtitled in French. The online platform Crunchyroll acquired the VOD rights to the series and will broadcast it online in Europe except in France and all the French-speaking European territories. Moreover, a Soul of Gold dedicated channel also will be launched for Italian fans on YouTube.
- ♦ NCircle Entertainment picked up VOD and home video rights in the U.S. and Canada for Russian-produced CG kids series Alisa Knows



What to Do! The show is produced by Timur Bekmambetov's Bazelevs Group, Riki Group and Animation Studio Moskva, with one 12-episode season complete and a second in production. NCircle plans to launch the brand in North America early next year.

Paris-based Cyber Group Studios secured new sales for its series across the globe. Top selling CGS shows include Zou (104 x 11), which has sold to TVO (Canada), Mediacorp (Singapore) and IRIB (Iran) recently; Mini Ninjas (52 x 11), picked up by TV3 (Thailand), Mediacorp (Singapore) and TV5 Monde (worldwide); The Long, Long Holiday (10 x 26 or 5 x 50), presold to ZDF (Germany) and DR (Denmark); and Balloopo (52 x 11), acquired by Thai PBS (Thailand) and IRIB (Iran). CGS has also closed a raft of package deals for Animalia (40 x 24), Adam's Bakery (52 x 13), Raju the Rickshaw (78 x 7), Grenadine & Peppermint (78 x 7), Mademoiselle Zazie (78 x 7) and Mia (39 x 11) to broadcasters including TV2 (Norway), JKN (Thailand), Mediacorp, IRIB, Pixel TV (Ukraine) and POD Worldwide (Thailand).

Cartoons on the Bay

roceedings were noticeably more intimate at the 18th Cartoons on the Bay, a festival and professional program held April 16-18 in Venice.

Israel was the guest country, chosen because it is technologically advanced and is home to a large number of tech startups and innovators, said Costanza Escaplon, president of RAI Com. In addition to honoring Albert Hanan Kaminski with a Pulcinella Career Award, a panel explored the nation's animated works with director Liran Kapel, Talit Communications' Ron Isaak, Animix Festival's Dudu Shalita, director Yuval Nathan, Snowball Studios' Yoni Cohen and Israeli diplomat Eldad Golan.

A panel on women in animation featured Lindsay Watson of Animated Women U.K.



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saying there are an estimated 5,000 women in the U.K. working in animation or visual effects.

Mad Entertainment presented its project Cinderella the Cat: A Mafia Fairytale and stated it sees a strong audience for animation aimed at young adults.

The Fashionable World of Victoria and Luisa won the Pitch Me! contest for pilot episode.

And a spotlight on the animation industry in Italy revealed the nation has 81 production companies, most of which work in television, with 36 producers and 45 service providers. Of those, 44 percent had less than 250,000 euros in revenue.

At the same time, Italy has 22 children's channels – the highest count in Europe – and 11 percent of their programming is from Italy. The discussion on how to rectify the situation grew political, with the presenters comparing the 16 million euro state contribution in Italy to 96 million euros from France. It was proposed that Italy could make more animation than France does with less money, and once the talk turned to the question of whether the event organizer RAI had too much of a monopoly situation, the English translation for press cut out mysteriously ...

Meanwhile, the winners of the Pulcinella Awards, with jury comments, are:

♦ Preschool TV series: Friends

(Amigos), for helping kids to open their minds and face others, respecting their own emotions.

♦ Educational and Social: Broken

Branches (Anafim Shvurim), to let old memories of Diaspora come alive again, telling a true and difficult story in a very touching way.

- ♦ Advertising and Promotional: Clean Up the World (Puliamo II Mondo), for promoting an ecological approach through an original mix of documentary and animation, even with a low budget.
- ♦ Short Film: Autumn Leaves (Premier Automne). This poetic film is a complete creation in both visuals and sound.
- ♦ Best European Work: The Day Henry Met (TV Series Preschool). A fresh design for this educative film, but still very entertaining.
- Best Character: Tereza from Boles (Short Film). For the plastic way the puppet was structured for acting

- and how the animator succeeded in bringing it to life.
- Best Music: Gypsy Tales (Cigánymesék) (TV Series Tween). The jury was won over by this traditional music that fits perfectly into the rhythm of the show.

FMX

nniversaries were definitely the theme for the 20th anniversary edition of FMX, held May 5-8 in Stuttgart, Germany.

Weta Digital's Joe Letteri attracted a huge crowd for a walk down memory lane and 20 years of Weta Digital work from *The Lord of the Rings* through *The Hobbit: The Battle of the Five Armies*.

ILM was able to double that with a 2x20 celebration for its 40th anniversary, which included a panel featuring three generations of visual effects experts: Lorne Peterson, John Knoll and Richard Bluff.

Back in 20th anniversary land, Pixar's Ralph Eggleston, Bill Reeves and Eben Fiske Ostby reunited to look back on 20 years of *Toy Story*.

And FMX of course feted itself with a special event that kicked off the celebrations and featured reminiscences from speakers such as Ludwig von Reiche of NVIDIA and Eric Roth of the Visual Effects Society.

Spotlights on current work included case studies into the effects work on *Avengers: Age of Ultron*, a presentation from Double Negative's Paul Franklin on the effects of *Interstellar*, and looks into the works of top effects companies in advertising and television series.

For animation, the most popular highlight was Jacques Bled and Kyle Balda's presentation on the *Despicable Me* spin-off, *Minions*, two months before its theatrical release. Other animated features presented at the event were *Big Hero* 6, *Song of the Sea* and the *Shaun the Sheep* movie.









Autonomous Animator

By Martin Grebing



The Art of Focus

Procrastination opportunities abound when working solo, so here are some tips on how you can keep yourself on a productive track.

reative drift. Procrastination. Daydreaming. Idling. Dilly-dallying. The list goes on and on. But one thing is certain: If you are an independent artist or animator and work at home or in your own private office space off-site, it is very easy to get distracted and give in to temptation to slack or let your mind wander to non-work things. Here are some tips on how to regain your focus and sharpen your professionalism when your mind starts to drift.

Post your goals for the day on the wall in front of you. Calendar reminders via email or your project-management software of choice

is nice, but your goals - both short term and long term need to be instantly visible all the time, staring you back in the face. Your goals need to be out in the open day and night, requiring no effort whatsoever to review.

Take a breather. Stand up, stretch, walk briskly, do some jumping jacks or a quick exercise of your choice for one or two minutes while keeping your mind completely off work. When you come back to your desk or studio space, shake it off, refocus and continue.

Take lunch seriously. Force yourself to take an hour lunch every day where you get away from your desk, out of your house or studio, and go somewhere far removed both mentally and physically. While on lunch, call or meet a friend to socialize and enjoy your break.

Dress for Success

Wear a suit. I typically avoid suits like the plague, but once in a while, even if you work alone, it can help give your professional side a jolt. This acts on a psychological level that can help make you feel obligated to act professionally, as if you were in an office environment. Plus, when you take lunch dressed profession-

ally, people will perceive and treat you accordingly, which further cements this quality in your consciousness.

Turn on or off your music. If you are losing focus, try turning on some music. If you already have music playing and can't focus, try changing the selection or turning it off all together.

Commit to maximizing your workday. If you get everything done early and have a few hours to spare, add more goals to your plate, preferably in the area of marketing. If you only have a few goals set for the day and know they will only take a couple of hours to achieve, chances are you will drag your feet, procrastinate, and making you very frustrated and letting it greatly impair your productivity.



Unplug. Under no circumstances should you have a browser window open while working unless it's directly, specifically required for a task at hand. This goes doubly so for social media. Log out of all your social networks and turn off all corresponding notifications and

Take a caffeine hit. Grab a cup of your favorite green tea, extra-dark chocolate, coffee or iced tea. Caffeine can help you focus but take

> it in moderation as an overdose can make you jittery and anxious, making it that much harder to focus.

> Sleep well. Take your rest as seriously as you take your work and play. No matter how much caffeine or energy drinks you take, it can't make up for sleep deprivation. Your mind and body need to rest about eight hours every night to ensure maximum performance the next day - even for creative individuals like you.

Keep this list handy, perhaps posted next to your goals, so the next time you feel the urge to drift, you'll have a resource immediately available that can help you re-focus, be productive, and provide excellent service to your well-deserving clients.

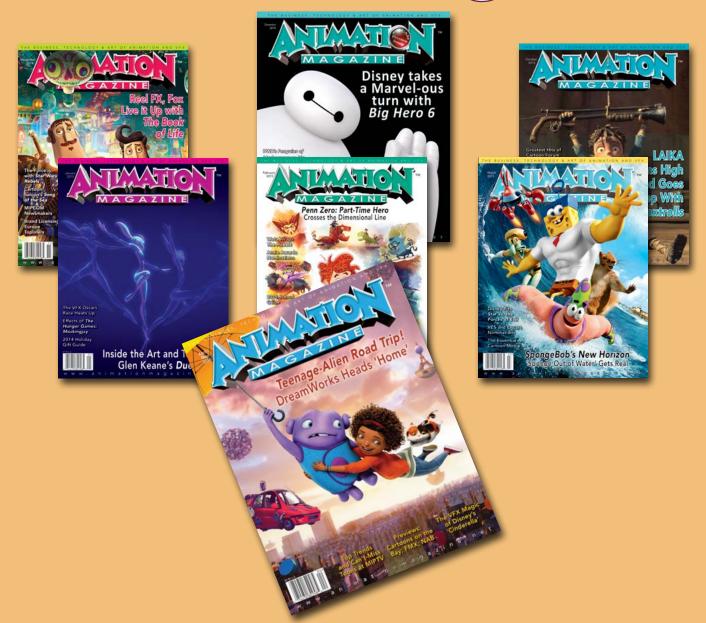
stretch your tasks out longer than needed just

to fill time. Add enough goals every day to keep you on an aggressive, accomplishable schedule. However, don't overload your plate because chances are you will try to hurry through your tasks or not accomplish everything you set out to accomplish. If this happens consistently, goal setting will be taken less seriously and can ultimately become pointless.

Avoid major speed bumps. If you run into a dead end at every turn and are spinning your wheels trying to accomplish what seems like the simplest of tasks, move on. Sometimes, temporarily going around a speed bump and coming back to it later is a better option than letting it eat up a large portion of your day, Martin Grebing is an award-winning animation director and producer who has focused his career on smaller studios and alternative markets. Today, he provides private consulting and is the president of Funnybone Animation, a boutique studio that produces animation for a wide range of clients and industries. He can be reached via www.funnyboneanimation. com.



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Serious Assembly Required

ILM and Trixter spearhead the complex mo-cap, animation and effects wizardry that required 19 facilities to make Marvel's *Avengers: Age of Ultron*. By Tom McLean.

he stakes are higher, the action bigger and the visual-effects challenges off the charts as Marvel Studios re-assembles its A-list team of superheroes for *Avengers: Age of Ultron*.

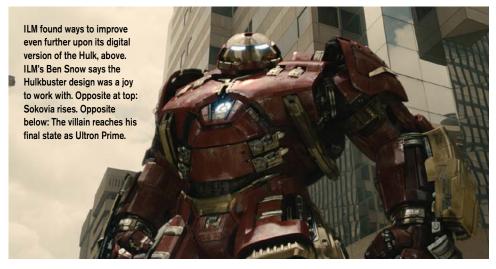
The second *Avengers* feature sees the team facing Ultron, an artificial-intelligence-based global-defense system created by Tony Stark (Robert Downey Jr.) and Bruce Banner (Mark Ruffalo), that becomes conscious and rebels against its creators. Played by James Spader via motion capture and animation, Ultron morphs from an amalgam of Stark's Iron Legionnaires into an imposingly huge robot bent on destroying humanity.

In resisting Ultron, the Avengers are joined by the sibling threats-turned-heroes Quicksilver (Aaron Taylor-Johnson) and Scarlet Witch (Elizabeth Olsen), in a massive showdown in their native European country of Sokovia.

Again written and directed by Joss Whedon, *Avengers: Age of Ultron* was a hugely complicated movie that required 19 visual-effects companies to complete.

The bulk of the effects – some 800 shots – were handled by Industrial Light & Magic, which ILM senior visual-effects supervisor Ben Snow says was one of the few facilities Marvel's production visual-effects supervisor Chris Townsend trusted to deliver on the movie's most complicated and difficult sequences.

Among the sequences ILM tackled are the Avengers' opening battle with Strucker; Iron Man's dream sequence of the Avengers defeated; Ultron Prime; the freighter battle; the Hulk, including the Hulkbuster sequence; and the fi-



nal battle in and over Sokovia.

Created by writer Roy Thomas and artist John Buscema and debuting in 1968 in the pages of *Avengers* #54 and #55, Ultron's first on-screen appearance was handled by Munich-based Trixter, which had done animation work for Marvel previously on *Iron Man 3*.

Trixter visual-effects supervisor Alessandro Cioffi says they had an advantage by starting on the project early, having been asked in early 2014 to work on Ultron Mark I in time for the character to debut in a presentation at last year's Comic-Con.

"We were presented with an original design from Marvel for Ultron Mark I, but ... it was rather sketchy and needed some translation into the real world," says Cioffi. Origins of Ultron —

Ultron starts the story as a software system and assembles a physical form from various parts of battle-damaged Iron Legionnaires and old Iron Man armor. Trixter worked on an asymmetrical figure with moving parts, hanging cables and leaking oil to create a creepy look for the character.

Then Trixter added Spader's performance, which was recorded by Andy Serkis' London-based Imaginarium motion-capture studio.

Trixter's animation supervisor Simone Kraus says they delivered an early version of Ultron Mark I with an animation rig to Imaginarium, which set up a mo-cap stage near London at Shepperton Studios, where the movie was shooting. With a few weeks to work exclusively on the motion capture,





Spader came in to test out the rig and use it to explore the character.

"He started with the whole mo-cap setup and he could see himself on screen and how he looks as Ultron Mark I – a sort of digital mirror," says Kraus.

Spader started experimenting with the idea that Mark I was Ultron's not-entirely-successful first at-

The animators also listened to a recorded interview with Spader talking about his vision for the character. "I found it really inspiring for the animators just to hear him, how he thinks about the character – why he does what – to get a good starting point," says Kraus.

Kraus was on-set for the shooting of the party



tempt at a body.

"We ended up testing some restraining devices on him," says Kraus. "His idea was the arm doesn't work, so we put it in a sling. He would drag one of the legs behind him, so we would put weights on that leg and put several other weights on one shoulder to have this asymmetric pose ... and try to develop a unique James Spader Ultron Mark I body language, which was really important because he doesn't have any facial expressions."

The motion capture was not directly translated to screen, but provided a solid base for animators at Trixter and other studios to follow. "We used it as a base for almost every shot," Kraus says. "Some of them are key-frame animated, but since we knew the character was defined in how he moves, it was much easier to fill in the gaps."

sequence in Avengers Tower, which includes the introduction of Ultron Mark I and his first battle with the Avengers, to understand each shot and ensure consistency.

In addition to Ultron Mark I, the sequence required 2D and 3D face replacements; a CG ceiling in nearly every shot to cover up stunt and camera rigs; and a CG New York skyline to be seen through the tower windows.

"It's a very dense sequence," says Cioffi, who says Trixter had at crunch time about 100 people working on about 300 shots that made the final edit, and about 400 shots overall. "We defined it sometimes as a visual-effects playground."

As Ultron evolves from Mark I into Ultron Prime, he became part of ILM's purview. "When he's Ultron Prime, he's this giant 8- and then 9-foot robot,

so its quite different from a normal-size person," says Snow.

ILM animation supervisor Marc Chu began by applying Spader's performance to the character, though, again, it was used more as a guide. "We were using all of the data that we had captured as a guide and then animation would hand match that by eye," says Snow. "I think that process worked out perfectly for it because I think it really captured Spader and the way he was moving in his performance. And having it be something the animator was involved in was a good way of getting the target as satisfying as possible."

Ultron Prime has the most complex hero-character rig ILM has ever done, with Snow saying it was about 10 times the size of a standard rig used on the *Transformers* movies with 2,000 nodes – 600 in the face.

Improving the Hulk ———

ILM has history with the Hulk, having worked on the character's movie appearances back to Ang Lee's 2003 feature *Hulk*. "He was definitely one of the attractions of doing (this movie). Can we improve on it?" says Snow.

The facility started with the Hulkbuster sequence, in which Scarlet Witch has made the Hulk even more crazy and savage than usual. That forces Iron Man to break out the Hulkbuster armor to contain the Hulk in a massive battle in the streets of Johannesburg, South Africa.

Snow says Whedon described the Hulk's state in this scene as akin to a junkie in need of a fix — bloodshot eyes, veins popping, etc. So ILM began by adding more skin details to the Hulk and ended up recreating the character from the inside out. "We added a lot of detail into the texture maps and ... then when we went back into the other scenes to do the regular Hulk we kept some of that," says Snow. "It was dialed back, but it was there."

One goal ILM had for this film was to reduce the





amount of corrective sculpting done on the shapes of muscles in CG characters.

"We have a great team of sculptors and modelers who are great at sculpting these shapes in both the face and the body, but the effect has always been some slight compromise on the animation's intent can creep in with that sort of work," says Snow.

So instead of starting with an outer skin and building muscles underneath it, Snow says ILM looked into recent research on muscle tension and consulted with medical professors to build a more accurate model.

"We built a skeleton, put the muscles on top and then completely simmed the skin over the top of it," he says. "In the past, we'd tend to hand animate in some of the tension and stretches. ... This was much more realistically done in this incarnation of the Hulk, and I think you get a lot of secondary stuff that — even though the audience may not notice it — adds believability."

Snow also says he was surprised at how much time these changes saved. "It meant our creature-dev guys were stretched less thin, and we were able to spend more time plussing things out rather than fixing problems," he says.

It also gave more accuracy to both the motion capture and animation performances in the final scenes. "Sometimes you find that you do this

corrective work on the face and the performance has changed – his smile is not the same," he says. "It makes it more true to the real performance."

- Strange Siblings -

For Quicksilver and the Scarlet Witch, Trixter again got an early start by working on the characters for the post-credits scene in Captain America: The Winter Soldier and continuing to develop them through pro-

duction on Avengers: Age of Ultron.

"There's an obvious coherence on the vision of things," Cioffi says of working in the Marvel Cinematic Universe. "We always try to improve the look of every asset we work on but having the history with some of the assets is definitely helping us as we can use the experience done on previous movies and just try to improve what we've done."

For Quicksilver, a digital double was used for many scenes, particularly ones in which the character was running through a scene at super speed. "In other situations, we used very high-speed photography to capture as much material from the actor and then speed it up in compositing to create a very photographic type of speed effect," Cioffi says. On top of that, there were layers of other effects like CG trailing to get the final look.

Scarlet Witch was a completely different challenge, with Trixter doing roto on the most-subtle movements of her hands and wrists.

The final battle sees Ultron attempt to wipe out humanity by raising the capital city of tiny Sokovia high enough into the air that dropping it would create an extinction-level event akin to the meteor strike that wiped out the dinosaurs.

Since Sokovia is fictional, Snow says a look for it had to be developed. Using locations in Italy and sets like a decommissioned police training facility in London, a look approximating a former Soviet bloc nation was created, mixing older buildings with 1970s-style modern architecture.

The city was built using a library of plates shot on location and new digital assets like streets and buildings. Snow says he wanted to push the earthquake effects of Sokovia's liftoff with more detail, referencing footage of building demolitions and cliff subsidences.

The resulting asset included interiors with furniture in them that could be seen when the building shook apart and was so large that a workaround had to be figured out to work with it.

----- Pipeline Creativity -----

Snow credits technical director lan Roth with figuring out a way to take the asset out of 3ds Max, where it had been built, and put it into Houdini to break stuff apart and refine it by hand. Then it went back into ILM's proprietary Zeno software for rigid surface simulation and adding dust. Finally, it went back into 3ds Max for rendering.

"It saved us time because we didn't have to reproduce all of the models in our traditional pipeline, but we were still able to put in things like the skyscrapers that fall right off the edge of the cliff right in your face," says Snow. "The net result was something that I felt did have a bit more detail than we've been able to put in some of these things before."

The number of facilities working on the film required a lot of cooperation and, where possible, sharing of assets. "We can't usually share rigs and materials because there's a lot of proprietary stuff in those, but you would definitely get the riggers from the other companies ringing our guys – and vice versa – and saying, 'Hey, how does this work?' 'We can't tell you exactly but here are some hints ...," Snow says.

– VFX Facilities –

Avengers: Age of Ultron

- ILM
- Virtuos
- Double Negative
- Trixter
- Method Studios
- Lola VFX
- Animal Logic VFX
- Framestore
- Cantina Creative
- Soho VFX

- Luma Pictures
- RISE Visual Effects Studios
- Zoic Studios
- Blur Studio
- The Secret Lab
- Black Ginger
- capital T
- Crafty Apes
- Technicolor VFX







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A Breed Above

ILM revisits and remixes its iconic digital creatures for the return visit to the land of dinosaurs in Jurassic World. By Bill Desowitz.

hough barely a drop in the bucket on the geologic scale of time in which scientists discuss real-life dinosaurs, a lot has changed in the creation of the digital versions in the 14 years since moviegoers last visited the world of Jurassic Park.

And the visual-effects artists at Industrial Light & Magic have tapped into new animation, lighting and rendering capabilities to give Jurassic World, due in theaters June 12, a new breed of greatly improved digital dinosaurs.

Director and co-writer Colin Trevorrow (Safe-

tv Not Guaranteed) wanted to recapture the spirit of director Steven Spielberg's original 1993 Jurassic Park film but also give it a contemporary spin. In the new movie, which stars Chris Pratt and Bryce

Dallas Howard, the theme park tries to reverse declining attendance by creating something bigger and more spectacular: an entirely new species of incredibly vicious dinosaur called Indominus rex.

"It's a hybrid of Tyrannosaurus rex and

some raptor and they used other species to fill in the gene sequence," says visual-effects supervisor Tim Alexander, whose previous credits include Rango. "But the big reveal of the Indominus is that it's part raptor."

Indeed, the other raptors initially side with Indominus - until it goes astray.

Inevitably, the design process for Indominus rex was very long because of the creature's uniqueness. The Indominus is larger and faster than the T. rex, measuring 40 feet by 20 feet and capable of running as fast as

Alexander says. "But it was important to make her a real dinosaur. They didn't want people to worry about her looking like a strange mutation."

Animation supervisor Glen McIntosh - no stranger to the franchise, having been lead animator on 2001's Jurassic Park III - and his crew analyzed the creature's weight and movement at great length. Realistic animalistic behavior was important and the animators often used picture-in-picture comparisons while working.

"We designed her head slightly smaller so she could primarily use her hands and tail. But it was important to make her a real dinosaur. They didn't want people to worry about her looking like a strange mutation."

- Tim Alexander, visual-effects supervisor, Jurassic World

30 mph. It not only has a fierce bite but also can pick up objects, which the T. rex with its stumpy hands can't do. Plus, it's got a very hard skin, which makes it nearly bulletproof.

"We designed her head slightly smaller so she could primarily use her hands and tail,"

And, as a result of advanced tech, there is a full skeletal and muscle structure underneath the skin of each dinosaur.

"As they step forward, you're going to see muscles flexing, skin sliding," Alexander says. "We're doing extreme close-ups

on eyeballs, mouths; and the detailing on the skin, the teeth and in the mouth is way beyond what we've done in the past. But obviously, because it's been 14 years since the last film, we had to rebuild them all. We had to decide how to change them or change them back to









what the fans liked from the first film, because that's what most people know."

The four raptors have distinct colors, markings, behavior and even names – Blue, Charlie, Delta and Echo – because that's how they were genetically encoded.

"We looked at all three films when we designed the raptors because they're all different," Alexander says. "We reverted to more of the *JP 1* design, but Delta harkens back to more of the *JP III* design with extra nodules toward the front of the nose and past the eye ridges. The heads are all different as well."

ILM used motion-capture on the four raptors because they're more human size, so they were able to cast people to act out the movements and then applied the data to the animation. "That gave us a unique look to the raptors and then, on top of that, we did some key-frame animation for tails and actual foot plants on the ground," Alexander says.

In addition to new rigs, along with new skin and muscles systems, ILM took advantage of HDRI lighting reference.

"For the Indominus rex, that's important because she's lighter in color – she's somewhat albino," Alexander says. "She reacts strongly to different lighting environments and so she takes on the color of the environment because she's so neutral."

ILM also created a virtual environment for the theme park *Jurassic World*, with Main Street and the lagoon in the center, and the Mosa-



saurus and T. rex Arenas surrounding that. They also designed a petting zoo, a water park, hotels with swimming pools, a golf course and a monorail system.

"In the past, putting interaction into plates has been a very difficult thing to do, so we repopulated it with plants and bushes and grass and smaller trees that Indominus rex could step on and break down and crush," he says.

This occurs in an early sequence called "Asset Containment," in which the Indominus rex escapes and, after being pursued, picks up a man and throws him into the water. It then picks up another man and chews him up.

For the final fight, ILM used a combination

of special effects and CG for buildings getting destroyed, light posts going down, fires going off and raptors getting thrown around and burned up as the two big dinosaurs push each other into buildings.

"We actually shot quite a bit of destruction on set and then added more digitally later. It's lot of cool mayhem," Alexander says.

Bill Desowitz is owner of Immersed in Movies (www.billdesowitz.com), author of *James Bond Unmasked* (www.jamesbondunmasked.com) and a regular contributor to Thompson on Hollywood and Animation Scoop at Indiewire.





alt Disney envisioned Tomorrowland – an original Disneyland attraction that opened in 1955 – as an inspiring and optimistic vision of the future, full of sweeping towers, clean open spaces and life-improving conveniences science could only hint at

But in turning that vision into the feature film *Tomorrowland*, which hit theaters May 22 from Disney, it was the contrast provided by later years' pessimism and darker visions of the future that appealed to director Brad Bird, writer-producer Damon Lindelof and star George Clooney.

To bring the visuals of the story to life, the filmmakers tasked ILM with creating the land-scape of *Tomorrowland*, which incorporated Disney's Experimental Prototype Community of Tomorrow, or EPCOT, idea of urban planning as well as a recreation of much of the 1964 New

York World's Fair, where Disney premiered "It's a Small World," along with "The Carousel of Progress," the animatronic attraction "Great Moments with Mr. Lincoln" and the famous PeopleMover.

ILM worked on the pavilions, set pieces and set extensions of the World's Fair, which was comprised of full CG environments.

"Brad had a real affinity for the World's Fair, that stylized 1964 look," says Eddie Pasquarello (*The Avengers*), visual-effects co-supervisor with Craig Hammack (*Star Trek*) on *Tomorrowland*. "He was very articulate about matching the World's Fair and we knew where we had to go."

The movie is about a scientifically curious and optimistic teen played by Britt Richardson who learns Tomorrowland is real and tracks down Clooney's Frank Walker to reach it. The movie also features Hugh Laurie as the brilliant villain

David Nix, and required three different visions of Tomorrowland: a 1964 version, a 1984 version and a dystopian future version, each of which required its own flavor.

Seeing Triple

"For Tomorrowland, he really wanted to convey a mood in each of the three experiences," says Pasquarello. "While it's under construction in 1964, it needed to have a certain optimism to it. Years went into the planning with architects and ILM, and it truly was a city planning adventure. Brad had a hand in the layout and where buildings were placed."

The idealized Tomorrowland has large fountain, sprawling grassy areas and curvaceous architecture that is shiny and eco-friendly. The main area is Bridgeway Plaza, which contains a tower that's the centerpiece of Tomorrowland.





Above that orbits the monitor sphere that produces all of the energy. Everything around and above Bridgeway Plaza is fully CG.

Fortunately, thanks to a series of convenient coincidences, Tom Peitzman, the visual-effects producer and the film's co-producer, stumbled on a futuristic-looking location that they were able to use for part of Tomorrowland: the City of Arts and Sciences in Valencia, Spain. Designed by Santiago Calatrava, whose work was already inspiring Tomorrowland production designer Scott Chambliss's work, the discovery of the City of Arts and Sciences also dovetailed with Bird's preference for using physical locations over virtual sets.

Getting Real

But the crew had to construct in Vancouver its own set for Bridgeway Plaza, which was half the size of a football field and featured a full-size monorail system known as the levitating elevated vehicle.

Sitting atop a track that rises 16 feet in the air, the monorail train weighs about 35,000 pounds. With the safety of the cast and filming requirements in mind, the crew used hydraulic winches that could shut down the set very quickly in an emergency and brakes to stop the monorail on a very specific mark and have the doors open automatically.

But then everything goes wrong in Tomorrowland when all the optimism is pushed aside in favor of monolithic power generation and it grows dark and ugly.

Speaking of energy, all of the energy effects were based on Nicola Tesla's famed Tesla coil. "Brad wanted us to keep that in mind and we would customize it for a weapon or the portal or the monitor sphere," says Pasquarello.

The portal is a way of transporting from Tomorrowland using a rippling, electrical energy force. This was inspired by tachyons - hypothetical particles that move faster than light.

For the environments, ILM used 3ds Max and the V-Ray rendering engine. Barry Williams, head of CG environments, led a team of generalists that built Tomorrowland in its various stages. CG supervisor Greg Kegel was in charge of the dystopian Tomorrowland at ILM's Vancouver studio.

ILM also contributed the animated robots under the supervision of Maia Kayser (Rango). The most prominent are the big, round and white Goliath construction bots. Given their heavy design, personality is primarily conveyed through moving their clunky parts: large utilitarian arms with drills and other tools. "They feel like a big monorail and have a quaintness to them," Pasquarello says.

Of course, there's a bad version of the Goliaths in dystopian Tomorrowland called Sen-







tinels. They are fighters and figure prominently in the climactic action sequence at Bridgeway Plaza.

There's also the young humanoid Athena (Raffey Cassidy), who provides the pin access to Tomorrowland in the hope of finding a savior. She's all CG when performing fantastical feats, such as fighting inside the Blast from the Past retro shop in Houston or running at bionic speed.

The bots, like everything else, fit right into the future retro vibe of Tomorrowland.

Bill Desowitz is owner of Immersed in Movies (www.billdesowitz.com), author of James Bond Unmasked (www.jamesbondunmasked.com) and a regular contributor to Thompson on Hollywood and Animation Scoop at Indiewire.





The Road Retraveled

Visual effects up the drama as the post-apocalypse gets even more dire in George Miller's Mad Max: Fury Road. By Bill Desowitz.

eorge Miller, the originator of the dystopian genre, has craftily re-imagined Mad Max for the fourth time in Fury Road with Tom Hardy and Charlize Theron.

Max Rockatansky (Hardy) still wants to wander alone, but becomes swept up with a group fleeing across the Wasteland in a War Rig driven by an elite Imperator, Furiosa (Ther-

on). Having opened May 15 from Warner Bros., Mad Max: Fury Road still contains a retro vibe, but Miller uses new camera rigs and well-placed VFX for a grittier thrill ride.

DP John Seale's crew was outfitted with six Arri

Alexas and a number of Canon 5Ds, with the latter used in part as crash cams in action sequences. They also used the Edge crane arm to get close to Furiosa's War Rig.

"When I first talked to George about the film, he was very clear about wanting the randomness of the real world to play out," says Andrew Jackson (300), the production visual-effects supervisor, based in Sydney. "That's exactly what I like to do, because my

background is in special effects and model-making. And my first thought is always, 'How much of it can we shoot in live action?' So it was wonderful working with George

"Because of the style of this film, a lot of the shots are less than one second long, so it's really good to know what they are. You don't want to be adding 12-frame handles to a 10-frame shot."

- Andrew Jackson, production visual-effects supervisor, Mad Max: Fury Road

right from the start, because we're both fans of that idea."

Naturally, there was a lot of handheld action shot inside the War Rig, which is the main location throughout their journey. But the vehicle with the Edge crane was so effective that they used it for both static and moving shots.

"One of my jobs on set was always to remind people to keep everything moving because as soon as the vehicle stops, everything dies," says Jackson. So it was important for the vehicle that the camera is mounted on to be rocked by the grips. And in post, that was one of the big lessons. Whenever one

> of the vehicles and the cameras weren't moving, they were some of the hardest visual-effects shots to make convincing."

Post-vis Tightens It Up

One of the most important decisions, however, was the creation of a post-vis department at the production studio. "It was something that I knew would work very well, and I've done before, where we have a small team of 10 to 15 people doing a rough version







of all the visual effects," Jackson says. "This team did basic tracking and roto, and my brief to that team was that they should essentially be bolted onto editorial and do whatever they need to help define the edit. And it's a way of giving a director complete freedom to try out different ideas and turn out things quickly and cheaply. You have a watchable version of the film early on and can help it be much tighter before you turn it over to visual effects."

A tighter film can save time and effort, Jackson says. "Because of the style of this film, a lot of the shots are less than one second long, so it's really good to know what they are. You don't want to be adding 12-frame handles to a 10-frame shot."

Riding the Storm

The most prominent use of CG was the Toxic Storm, done by Iloura of Australia. It was a particle simulation done in Houdini. "It took a lot of work to make that look convincing and we referenced the biggest tornadoes that we could find that split up into multiple twisters. But it's unlike any storm you've ever seen. We never did specify what the gasses were but whatever it was made of, this was not a good place to be."

The Citadel is a group of three towers that's the main location where the people of this world live. This provided Iloura with another VFX task: "We shot all of the action on the ground near the base of the towers in Sydney, but the rock walls themselves were a CG environment," Jackson says. "We built them from a ridge just west of Sydney called The Blue Mountain. And there are huge cliffs there about 600 feet tall. We went out in a helicopter and flew very close and photographed high-resolution textures, and then, using photogrammetry software, we built 3D sections from those cliffs and then wrapped them into the shapes of the towers. It turned out to be very effective."

Meanwhile, the post-vis team swapped over to finishing final shots as well and did a major section in a canyon where the War Rig pulls off. "A lot of the extension work in that part of the film was done by the post-vis team, which we called Fury Effects in the end," Jackson says. "Although we went to an amazing canyon location, we still had to do a lot of work and there are a couple of shots where they blow up the side of the wall and dropped a lot of rocks to block the passage."

Here again, Mad Max: Fury Road's in the style of the original Mad Max - only the post-apocalypse is perhaps scarier in the 21st century.

Bill Desowitz is owner of Immersed in Movies (www.billdesowitz.com), author of James Bond Unmasked (www.jamesbondunmasked.com) and a regular contributor to Thompson on Hollywood and Animation Scoop at Indiewire.



Tech Reviews

by Todd Sheridan Perry

Toon Boom Harmony 12

It wasn't so long ago that I was covering Harmony 11 from Toon Boom, when suddenly Harmony 12 is out with some spiffy new features along with enhancements to the features I already love.

Being initially trained as a traditional animator - yes, on paper - I find it a joy to work with the rasterized layers and bitmap brushes. The jump from Harmony 10 to Harmony 11 was amazing. But, the Harmony 12 brush tool set has expanded to include a ton of naturalistic brushes to get a more organic feel. The toolset lets you customize the brushes to taste, and even mix and match different brushes together. I love the feel and responsiveness to the brushes. It gives me a great deal of satisfaction watching my rough animations playback with the life that flipping through your paper felt like.



Lights shading has been added. How do you light a 2D image, you may ask? The old method was to go through on a second pass and animate shapes for the highlights and shadows. Not fun. So, Toon Boom has figured out a way to provide that by allowing you to generate a pseudo-3D object from your animation using normals to fake volume (a commonly used tool in 3D animation and games). Now you can dynamically light your character, giving it some dimensionality.

OFX plugins can now be used in Harmony. So, high-end image processing from places like GenArts, RE:Vision Effects and Digital Film Tools can be applied to your animations. Flares? Glows? Godrays? You got 'em.

Toon Boom released a Unity software development kit for free in conjunction with Harmony 12's new simple bones and animation setups that provide a way to develop games on the Unity platform using all the crazy cool tools already in Harmony. If you have a game idea using your 2D animated characters, there are no more excuses.

Lots more stuff to look at and choose from to make animation easier and more pretty, but as of my last review, Harmony was out of the price range for those passionate animators who

may not have the budget of a studio. This has changed. Joining an ever-increasing group of software developers, Toon Boom has moved into a subscription-based model, with three tiers of pricing to tailor to your particular needs. Starting at \$15 per month for the base-level Essentials, one can get started for the price of three Starbuck's Frappuccinos. And if you are ready to go into full production, you are looking at \$73 per month (if bought on an annual subscription). This is far less than the previous price point of thousands of dollars, and much closer to attainable.

Wacom Cintig 27QHD

ust when you thought the Wacom Cintiq couldn't get any bigger, just when you thought that 24 inches was simply too big of a drawing surface, Wacom releases the Cintig 27QHD. And it's glorious with its 2,560 by 1,440 resolution and proclaimed 97 percent AdobeRGB gamut.

I thought that this was going to be more screen than a normal artist could handle, but I was incorrect. I quickly fell into the groove and was quite at home, especially for painting- and drawing-based software like Adobe Photoshop, Autodesk's SketchBookPro, BlackInk (one of my faves), and animation programs such as ToonBoom Harmony and SmithMicro's Anime

The Pro Pen has its 2,048 levels of pressure sensitivity and an ammo kit of nibs - including a few that are made of felt - that convey the softer, tactile feel of pen on paper. It has a great response with little discernable lag.

The most innovative part of the new tablet is that Wacom has removed the Express Keys from the surface of the tablet, and put them into a handheld remote control. This provides for a clean, one piece of glass over the top of the entire device. The large bezel provides room to place the remote anywhere that feels comfortable for your work style, and it has some metal in it, which gives the magnetic back of the remote somewhere to stick. I love this change.

Overall, I don't think I can work without it - especially for illustrating and traditional animation.





ViewSonic VP2780-4K

or those out there who like their resolution huge and their colors deep, ViewSonic has the VP2780-4K.

This is a mid-priced monitor – it costs about \$1,000 - aimed at professionals who are cost-conscious but need the color-accuracy for their clients. And it looks like, at a reasonable glance, that it delivers the goods.

Each monitor is tested before it is shipped, and my monitor came with its calibration grade report ranking its sRGB and Native colors at an average Delta-E less than or equal to 2 (Delta-E being the distance between two colors, 1.0 being the lowest number then human eye can perceive). Not too shabby. This means that my monitor is tested at near the targeted 100 percent of sRGB's color range. ViewSon-



ic also states that monitor will hit 80 percent of the AdobeRGB gamut. Along with the wide color, View-Sonic has a three-year

warranty that covers any dead pixels.

The display itself is crisp through its matte, anti-glare LCD surface surrounded by the thin 22mm bezel. There is no flicker as it displays 3,840 by 2,160 resolution driven through the DisplayPort jack by an NVidia K5200. Additional inputs include another DisplayPort, but mini-size to Apple specs, plus an HDMI 2.0 jack (also supporting 60mHz refresh at 4K), and a couple more MHL jacks.

The mount is not the most robust piece I've ever seen, but the monitor is so light that it doesn't require much.

The primary target - the color-grade specialists - I feel should be reasonably happy. And the facilities will be happy because compositors will be able to have color-accurate monitors without blowing the budget.

Todd Sheridan Perry is a visual-effects supervisor and digital artist who has worked on features including The Lord of the Rings: The Two Towers, Speed Racer, 2012, Final Destination 5 and Avengers: Age of Ultron. You can reach him at todd@ teaspoonvfx.com.



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Bots, Bops, Burgers and Bogs

Astro Boy, Bob's Burgers, Strange Magic and a musical Looney Tunes collection are spring's late-blooming home entertainment blossoms. By Mercedes Milligan.

Astro Boy: The Complete Series

[Mill Creek Ent., \$14.98]

eissued on disc for the first time since Sony's separate volume releases in 2009, Mill Creek's complete collection offers all 50 episodes of the 2003 *Astro Boy* update. Based on the classic by Osamu Tezuka, the

action-adventure series centered on the titular atomic-powered robot who becomes a reluctant superhero, fighting for humans and robots alike.

Critics praised the series for combining the light-hearted playfulness of the 1960s original with the more dramatic sci-fi themes of the 1980s version. Produced by Tezuka Produc-

tions and Sony Pictures Television, *Astro Boy* premiered on Fuji TV in 2003 and aired stateside on Cartoon Network and Kids! WB. At just \$15, it's well worth picking up this set, if only to point to when your purist pals lament the doomed fate of the latest reincarnation of a classic series.

[Release date: May 5]



Bob's Burgers: Complete 4th Season

[Fox, \$29.95]

The fourth season of Loren Bouchard's hit primetime toon once again sends the Belcher family on a series of self-defeating misadventures: Bob (voiced by H. Jon Benjamin) subs as the home economics teacher at the kids' school, Linda

(John Roberts) ends up singing at her high school reunion, and the kids (Dan Mintz, Eugene Mirman, Kristen Schaal) set a trap for Santa.

Among the many highlights of the 2013-14 season is the show's first Primetime Emmy-winning episode, "Mazel-Tina," wherein Tina crashes Tammy's bat mitzvah when her family is hired to cater it, and ends up the

center of attention. Returning guest stars for the season include Will Forte, John Michael Higgins, Rob Huebel, Ken Jeong, Kevin Kline, Megan Mulally, Laura and Sarah Silverman, and Paul F. Tompkins. New to the series this season are Bobcat Goldthwait, Jordan Peele and Molly Shannon. *Allriiiiight!*

[Release date: May 12]



Looney Tunes: Musical Masterpieces

[Warner, \$19.97]

east your senses on this 18-dish smorgasbord of classic cartoons showcasing the brilliance of composer Carl Stalling and legends of Warner Bros. Animation like Friz Freleng and Chuck Jones. With oft-repeated performances like What's Opera, Doc? and

more deeply buried gems from the vault like *Three Little Bops* accompanied by special features *It Hopped One Night: The Story Behind One Froggy Evening, Wagnarian Wabbit: The Making of What's Opera, Doc?, Merrie Melodies: Carl Stalling and Cartoon Music and a Looney Tunes Sing-Along, this collection is "a symphony of fun" as promised.*

The shorts collection contains A

Corny Concerto, Rabbit of Seville, One Froggy Evening, Rhapsody Rabbit, What's Opera, Doc?, Hillbilly Hare, Pizzicato Pussycat, Nelly's Folly, I Love to Singa, Page Miss Glory, Katnip Kollege, High Note, Pigs in a Polka, Three Little Bops, Rhapsody in Rivets, Back Alley Oproar, Holiday for Shoestrings and Lights Fantastic.

[Release date: May 26]



Strange Magic

[Disney, \$29.99]

hile it wasn't everyone's cup of tea as evidenced by the weak box office and critical reviews, at least this CG fantasy from the mind of George Lucas offered something a little different on the feature animation landscape. Produced by Lucasfilm Animation Singapore and ILM, the pop music-fueled adventure inspired by *A Midsummer Night's Dream* pitches a colorful cast of fairies, elves, goblins and imps into a battle over a powerful love potion.

Directed by Gary Rydstrom, who handled Disney's English dubs of *From Up on Poppy Hill* and *The Wind Rises, Strange Magic* features the voices

of Alan Cumming, Evan Rachel Wood, Elijah Kelley, Meredith Anne Bull, Sam Palladio, Kristin Chenoweth and Alfred Molina. The DVD also holds bonus features "Magical Mash Up" (outtakes, tests and melodies) and "Creating the Magic" behind-the-scenes with cast and filmmakers.

[Release date: May 19]



Honorable Mentions:

American Dad! Vol. 10

May 19 [Fox, \$29.95]

Batman
Unlimited:
Animal
Instincts

May 12 [Warner, \$19.98]

Maya the Bee Movie

May 19 [Shout!, \$14.98 | \$24.97 BD] Patlabor: The Movie

May 5 [Section23, \$39.98 BD]

Scooby-Doo!
Where Are
You? 13
Spooky Tales:
Surf's Up,
Scooby-Doo!

May 5 [Warner, \$19.98]









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Q&A: Dave Willis & Matt Maiellaro

The creators of Aqua Teen Hunger Force talk about the final season of the Adult Swim series, which premieres June 21. By Tom McLean.

hen Adult Swim debuted on Cartoon Network in 2001, there was no indication that the quirky, strange and hysterically funny Aqua Teen Hunger Force would survive to the second episode, let alone 14 years.

But, as with all good things, the adventures of Master Shake. Frylock, Meatwad, Carl, the Mooninites and Doctor Weird are coming to an end with the final season of the series debuting June 21 at midnight on Adult Swim.

After 11 seasons. a feature film in 2007 - complete with a marketing gimmick turned real-life bomb scare and an ever-changing title, we caught up with show creators Dave Willis and Matt Maiellaro to commemorate the end of the Aqua Teen era.

Animag: Why do you think the show connected with an audience that kept tuning

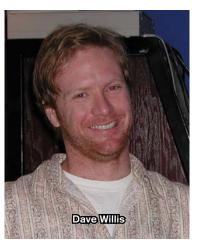
Willis: I don't know. You never really know why people respond to something. I just think Matt and I tried to make what made us laugh, and fortunately that was something that made millions and millions of other people worldwide laugh.

Animag: Tell me a bit about the new season and what you have planned?

Willis: It's the same the show it has always been, just a slightly different title. We named it Aqua Teen Hunger Force Forever and then, of course, we got the call that said this was the final season.

Maiellaro: We inadvertently found out about halfway through the season that it wasn't coming back, so we started thinking about special episodes to make.

Willis: I think the finale is going to be very satisfying, unpredictable and yet inevitable. I think the way we wrap it up, I think





The end is nigh for Frylock, Master Shake and Meatwad in the final season of Aqua Teen Hunger Force

> we do the run of the show real justice. I just think it's going to be a nice half-hour episode. We're doing nine episodes but the last one is a half hour, so other than that, they're all just standard episodes. I think they're funny. I think they're really strong. We haven't been on the air in a while. We worked really hard to make this season great and I think we've done it. Congratulations. Matt!

Maiellaro: Oh, yeah! Thanks, Dave! Congratulations to you, too!

Willis: We're both congratulating each other because it's so good.

Animag: Were there any feelings of nostalgia or sadness as you were working on the last episodes?

Willis: I had a little moment there in the read just doing a Meatwad line. I don't want to say which one it is because it'd kind of give away something, but it was sort of

weirdly poignant and it made me think for a while. ... When we came up with this show I was in my late 20s and I'm mid-40s now; it's crazy. I've gotten married, I've had kids, same with Matt, we've lived a big chunk of life that has been part of this show.

Animag: Has anything changed about the way you animate the show this sea-

Willis: We're using the same animation we used in

> the pilot. We just keep recycling it over and over and over again. That's crazy! Nobody does that.

Animag: Looking back at the whole show, what's the highlight for you?

Willis: I think making a movie was cool, and I remember the opening of the movie, going around with my wife to all these different theaters and just watching people watch the mov-

ie. It was kind of thrilling. I remember seeing an alarmed elderly couple get up frantically during the open, as soon as they realized this was not Eyes Wide Shut or whatever they had come to check out. "Wait a minute, that's not Sarah Jessica Parker! Let me check that ticket" And that Boston thing was pretty insane.

Animag: Would you revisit these characters in another movie or special?

Maiellaro: We're trying to really push the sequel to the movie. So hopefully we can get that happening in the next few years.

Willis: There's a script. That's the one good thing about cartoons - they never die. But neither does Batman, though. You just put someone else in the suit.

Maiellaro: And neither does Jason.

Willis: Jason Vorhees, that's right. Can you imagine if he was a cartoon? He'd be twice as invincible!



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